California High-Speed Train Project



TECHNICAL MEMORANDUM

Phase 1 Service PLan TM 4.2

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Revision	Date	Description
0	20 Nov 08	Initial Release



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PHASE 1 SERVICE PLAN

1. INTRODUCTION

A concept level service plan and hypothetical timetable for the Phase 1 California High Speed Train (HST) project has been developed, which provides a description of the proposed type and quantity of service that is more detailed than had been available previously. The Phase 1 service plan is intended to serve several purposes:

- Confirm the level of service assumptions (travel times and service frequencies between station pairs) used to develop the estimates of system ridership and revenue
- Validate the operational feasibility of the desired level of service at a conceptual level
- Identify operable patterns of train service, particularly the general requirements for non-stop or limited-stop trains to pass slower trains that need to make a greater number of stops along the route (i.e., the locations and frequencies of occurrence of these "overtakes" at various times of day)
- Provide a basis for estimating the number of required train sets and overall rolling stock fleet requirements
- Provide a basis for estimating platform track and storage track capacity needed to support operations at the end terminal stations

2. ANALYTIC METHODOLOGY

A PB-developed spreadsheet-based "static" model for formulating and analyzing concept level operating plans for railroad systems was adapted for the HST network. This model utilizes train performance calculations taken from prior detailed "dynamic" simulation modeling results to identify the running time characteristics of the various types of service and train stopping patterns that are expected to operate on the HST system. The model generates stringline (time-distance) diagrams and tabular outputs describing the timing and scheduled operating performance of every train. It provides a level of detail sufficient to confidently perform "pattern analysis" of the various express, limited stop and all-stop local services that are envisioned, with the objective of identifying a reasonable service pattern that achieves the desired level of service at each station while minimizing both conflicts between trains and the required number of overtakes.

The spreadsheet model provides the ability for trains to be "linked" with subsequent trains and assigned to specific train sets. The resulting train set equipment cycles form the basis for estimating the size of the required rolling stock fleet.

The model also includes a module that compares the forecast level of system ridership with the quantity of service delivered, allocating riders to specific trains and calculating estimated load factors (projected number of riders per train divided by train seating capacity), using station specific boarding and alighting passenger (detail) estimates and peaking factors derived from the ridership forecasts.

This plan, while contributing to confident approximations at the conceptual level, does not yet represent a detailed operating plan for the system, even though the train timetables and stringline (time-distance) diagrams give the impression of a high level of precision. This conceptual plan



analysis is based on optimal ideal operations with trains running exactly on schedule. It does not analyze any randomization, delays or perturbations to the normal schedule and does not address the time required to recover from track blockages or the impacts of delay conditions on the network. A full detailed operating plan supported by dynamic computer simulation modeling of train movements throughout the system will be developed in a subsequent task later in the project, at which time an actual proposed timetable can be confidently prepared and approved.

3. ASSUMPTIONS AND GENERAL PRINCIPLES

The following assumptions and general principals guided the development of the Phase 1 service plan:

- The HST system assumed to operate independently of any other passenger or freight rail services
- 2. Train sets are assumed to comprise units of 200 meters (m) in length, either singly (200 m train with 500 passengers) or operating as pairs (400 m train with 1,000 passengers)
- 3. Train running times were obtained from simulated train performance calculations, with an additional time factor added to these times. This added time, sometimes referred to as "schedule pad" or "recovery time" accounts for operator performance, external conditions and minor delays, which result in minimal day-to-day fluctuations in train performance the additional time factor assumed in this analysis is common in passenger train scheduling, permits trains to recover from time lost due to minor causes, and provides an allowance for the system to maintain a high degree of overall on-time performance when operations are normal. Two different scenarios were analyzed concerning recovery time. The initial base case analysis assmed a recovery time factor of seven percent on top of the minimum train run time. This is consistent with current industry practice in the U.S. and is considered a conservative estimate, since the HST system is expected to operate at a higher level of precision than is "typical." A second service plan variation was developed assuming a recovery time factor of three and one-half percent for most trains. In this second case, certain "premium" services, such as express trains during peak periods were assumed to operate with a recovery time allowance of as little as one percent.
- 4. The schedule features "clockface" service patterns and regular intervals between trains (headways), which can be easily remembered and is markedly customer friendly
- 5. The schedule features service patterns that repeat every hour, as opposed to patterns that differ somewhat from hour-to-hour providing for more simplified operations – this makes the service more regular and predictable and reduces the number of different types of overtakes required
- 6. The minimum spacing between trains following each other past a given point is set at three minutes, based on the assumed practical capacity design attributes of the signal and train control system
- 7. Express trains are given the highest priority in terms of their schedule paths; limited stop trains and those that travel a longer distance along the network have the next highest priority, and all-stop local trains generally have the lowest priority and, therefore, the highest incidence of overtakes
- 8. Train overtakes were arranged to utilize station (siding) tracks for express trains to pass local trains making a service stop, while maintaining consistency and reliability in the service stopping patterns.



- 9. The level of service between Los Angeles and Anaheim is maintained at four trains per hour per direction in the business travel peaks, and three trains per hour per direction at other times of day
- 10. The service levels and patterns developed as the basis for the ridership and revenue forecasts were taken as a guideline in the development of the Phase 1 service plan; adjustments were made where necessary to improve the operational efficiency and performance of the system; in all cases the level of service provided at each station remains at or better than the level assumed in the ridership forecasts.

The analysis assumed the following station dwell times and minimum terminal layover (turnaround) times. The latter is defined to be the minimum time allowed between the scheduled arrival of a train set at a terminal and the scheduled departure of the same train set in the opposite direction of service.

TABLE 1 - INTERMEDIATE STATION DWELL TIMES

Code	Station	Scheduled Dwell Time (mins)
SFO	Millbrae	1.5
RWC	Redwood City	1.5
SJC	San Jose	2.0
GLY	Gilroy	1.5
FNO	Fresno	1.5
BFD	Bakersfield	1.5
PMD	Palmdale	1.5
SYL	Sylmar	1.5
BUR	Burbank	1.5
LAU	L.A. Union Sta.	2.0
NSF	Norwalk	1.5

TABLE 2 - TERMINAL STATION MINIMUM LAYOVER TIMES

Code	Station	Minimum Scheduled Layover Time (mins)
SFT	S.FTransbay	30
LAU	L.A. Union Sta.	40
ANA	Anaheim	40
MCD	Merced	40



4. PHASE 1 SERVICE PLAN

STOPPING PATTERNS AND SERVICE FREQUENCIES

Table 3 depicts the various train types and stopping patterns that were used to formulate the Phase 1 service plan, along with the average total estimated travel time from the origin station to the final destination station. The "Express" train type makes only one intermediate stop between San Francisco and Los Angeles – at San Jose – and therefore provides the fastest run time between these points and with an assumption of one percent recovery time during the peak period, is estimated to run between San Francisco and Los Angeles in two hours-forty minutes. At the other end of the spectrum are "All Stop" trains that serve every station along the line and therefore take significantly longer to make a run between San Francisco and the Los Angeles basin.

TABLE 3 - TRAIN STOPPING PATTERNS

CTORDING DATTERNO																
STOPPING PATTERNS End-to-E														End-to-End		
Sou	thbound															Run Time
Trai	n Type/Pattern	<u>SFT</u>	<u>SFO</u>	RWC	SJC	<u>GLY</u>	MCD	<u>FNO</u>	<u>BFD</u>	<u>PMD</u>	<u>SYL</u>	<u>BUR</u>	<u>LAU</u>	<u>NSF</u>	<u>ANA</u>	(mins)
1	Bay Area Limited	Χ		Х	Χ	Х							Х	Х	Х	205
2	Express	Χ			Х								Χ	Х	Χ	194
4	All-Stop	Χ	Х	Х	Х	Х		Х	Χ	Χ	Χ	Χ	Χ	Х	Χ	241
7	Central Valley Limited	Χ	Х	Х	Χ	Х		Х	Χ				Х	Х	Х	225
9	San Fernando Valley Limited	Χ	Х		Х			Х	Х		Χ		Χ			198
10	Central Valley Limited	Χ	Х	Х	Χ	Х		Χ		Χ		Χ	Χ	Х	Χ	228
13	San Fernando Valley Limited	Χ		Х	Χ					Χ	Χ	Х	Χ	Х	Χ	216
14	SF-Merced	Χ	Х	Х	Х	Х	Х									94
15	LA-Merced						Х	Х	Χ	Χ	Χ	Х	Χ	Х	Х	161
16	Central Valley Limited	Х	Х	Х	Х	Х		Х	Χ				Χ			200
17	San Fernando Valley Limited	Χ		Х	Х	Х				Χ	Χ	Х	Χ			196
18	Central Valley Limited	Χ	Х	Х	Χ	Х		Х		Χ		Х	Χ			203
19	San Fernando Valley Limited	Х		Х	Х	Х				Х	Χ		Х			191
20	Central Valley Limited	Χ	Х	Х	Х			Χ	Х		Χ		Χ			200
21	San Fernando Valley Limited	Х			Х	Х			Х	Х	Χ	Х	Х			199

																End-to-End
Northbound Run Time															Run Time	
Train Type/Pattern ANA NSF LAU BUR SYL P									<u>FNO</u>	<u>MCD</u>	<u>GLY</u>	SJC	RWC	<u>SFO</u>	<u>SFT</u>	(mins)
1	Bay Area Limited	Χ	Χ	Χ							Χ	Χ	Χ		Χ	205
2	Express	Х	Х	Х								Χ			Х	194
4	All-Stop	Х	Χ	Х	Χ	Χ	Х	Χ	Χ		Χ	Χ	Х	Х	Х	240
7	Central Valley Limited	Х	Χ	Χ				Χ	Χ		Χ	Χ	Х	Х	Х	223
9	San Fernando Valley Limited			Х		Χ		Χ	Χ			Χ		Х	Х	197
10	Central Valley Limited	Χ	Χ	Χ	Χ		Х		Χ		Χ	Χ		Х	Х	221
13	San Fernando Valley Limited	Χ	Х	Х	Χ	Χ	Х					Χ	Χ		Х	216
14	SF-Merced									Χ	Χ	Χ	Х	Х	Х	94
15	LA-Merced	Χ	Χ	Х	Χ	Χ	Х	Χ	Χ	Х						163
16	Central Valley Limited			Χ				Χ	Χ		Χ	Χ	Х	Х	Х	197
17	San Fernando Valley Limited			Х	Χ	Χ	Х				Χ	Χ	Х		Х	196
18	Central Valley Limited			Х	Χ		Х		Χ		Χ	Χ	Χ	Х	Х	196
19	San Fernando Valley Limited			Χ		Χ	Х				Χ	Χ	Х		Χ	191
20	Central Valley Limited			Х		Χ		Χ	Χ			Χ	Χ	Х	Х	198
21	San Fernando Valley Limited			Х	Χ	Χ	Х	Χ			Χ	Χ	Х		Х	203



In between these two service types are various categories of "Limited Stop" trains that make selected intermediate station stops but skip other stations. Several different limited stop patterns have been defined. They are grouped and named according to the part of the network within which they provide the greatest degree of service to individual intermediate stations. For instance, the "Bay Area Limiteds" make several stops within the Bay Area between San Francisco and Gilroy and then operate non-stop to Los Angeles. The "Central Valley Limiteds" stop at Fresno and/or Bakersfield but skip selected other intermediate stations, and the "San Fernando Valley Limiteds" make most or all of the stops between Los Angeles and Palmdale but skip many of the stations in the Bay Area and Central Valley. These "Limiteds" make up the majority of trains operating on the network and offer a compromise of a relatively fast run time along with connectivity among various groups of intermediate stations along the line.

The on-board travel time between stations varies, depending on the number of intermediate station stops (which is different for each train type) and the time of day (some trains have additional time built into their peak schedules to allow them to be "overtaken" by express or limited-stop trains while en route). The minimum or "fastest" trip times between selected city pair stations is presented in Table 4, based on the mix of train types and stopping patterns included in the Phase 1 service plan.

TABLE 4 - MINIMUM TRIP TIMES BETWEEN SELECTED STATIONS

(Based on Phase 1 Service Plan Train Stopping Patterns)

With Schedule Pad Allowance of 1.0%

Times in Hours:Minutes

		SET	SJC	FNO	LAU	ANA
SFT	San Francisco-Transbay		0:27	1:29	2:40	3:04
SJC	San Jose	0:27		0:50	2:11	2:35
FNO	Fresno	1:29	0:50		1:31	1:55
LAU	Los Angeles Union Station	2:40	2:11	1:31		0:22
ANA	Anaheim	3:04	2:35	1:55	0:22	

With Schedule Pad Allowance of 3.5%

Times in Hours:Minutes

		SFT	SJC	FNO	LAU	ANA
SFT	San Francisco-Transbay		0:28	1:31	2:44	3:08
SJC	San Jose	0:28		0:51	2:14	2:38
FNO	Fresno	1:31	0:51		1:33	1:57
LAU	Los Angeles Union Station	2:44	2:14	1:33		0:22
ANA	Anaheim	3:08	2:38	1:57	0:22	

Note: The HST system is expected to operate at a high level of precision, with schedule pad allowances lower than for other intercity passenger rail corridors in the U.S. The development of system timetables will be based on tradeoffs that will need to be made among trip time, service reliability, alignment engineering, capital cost and operations and maintenance cost considerations.

*Explanation: Table 4 (above) displays estimated timetable travel times between the city pairs presented in the matrix. For example, when reading the first row of the first table (with schedule pad allowance of 1%), the numbers shown represent the trip time between: San Francisco and San Jose (27 minutes minutes); San Francisco and Fresno (1 hour, 29 minutes); San Francisco and Los Angeles (2 hours, 40 minutes); and San Francisco and Anaheim (3 hours and 4 minutes).

Table 5 compares the service levels and stopping patterns originally assumed as the basis for high speed rail ridership and revenue estimates, and the proposed Phase 1 service plan. The original set of stopping patterns proved to be operationally infeasible, resulting in excessive numbers of overtakes and delays to trains being overtaken. Alternative patterns were examined that deliver



approximately the same level of service at each station, in terms of service frequency and the mix of express, limited stop and all-stop local service. Though the mix of stopping patterns has been modified, the number of trains per hour at each terminal and intermediate station is the same as or higher than what was assumed for the ridership demand forecasting purposes. The proposed mix of services offers regular clockface patterns, with each service type leaving at the same time each hour, with relatively limited exceptions. Slightly more service is assumed during the three hour peak periods in the morning and late afternoon.

TABLE 5 – PEAK AND OFF-PEAK SERVICE FREQUENCIES

ORIGINAL SERVICE PLAN ASSUMPTIONS FOR RIDERSHIP FORECASTING PROPOSED PHASE 1 SERVICE PLAN Version 10

13 14 Pattern No. → 2 9 10 15 NLAX Super Exp Ltd A Ltd B VX SF-M LA-M Trains per hour → 0.5 0.5 1.5 9.5 0.5 2 2 1.5 TOTAL SFT S.F.-Transbay 0.5 0.5 0.5 1.5 8 SFO Millbrae 0.5 1.5 RWC Redwood City 0.5 0.5 0.5 1.5 SJC San Jose 0.5 0.5 0.5 Gilroy 0.5 MCD Merced 1.5 FNO Fresno BFD Bakersfield 0.5 1.5 PMD Palmdale 1.5 SYL Sylmar 0.5 1.5 BUR Burbank 0.5 1.5 LAU L.A. Union Sta. 0.5 0.5 0.5 1.5 Norwalk 0.5 0.5 0.5 1.5 ANA Anaheim 0.5 0.5 0.5 1.5

PEAK HOUR STATION STOPS-SOUTHBOUND

Patter	n No. →	2	1	14	15	18	19	20	21	4	
		Super	Exp	SF-M	LA-M	CV2	SFV2	CV3	SFV3	Local	
Trains	s per hour →	1	1	1	1	1	1	1	1	1	9
											TOTAL
SFT	S.FTransbay	1	1	1		1	1	1	1	1	8
SFO	Millbrae			1		1		1		1	4
RWC	Redwood City		1	1		1	1	1		1	6
SJC	San Jose	1	1	1		1	1	1	1	1	8
GLY	Gilroy		1	1		1	1		1	1	6
MCD	Merced			1	1						2
FNO	Fresno				1	1		1		1	4
BFD	Bakersfield				1			1	1	1	4
PMD	Palmdale				1	1	1		1	1	5
SYL	Sylmar				1		1	1	1	1	5
BUR	Burbank				1	1			1	1	4
LAU	L.A. Union Sta.	1	1		1	1	1	1	1	1	8
NSF	Norwalk	1	1		1					1	4
ANA	Anaheim	1	1		1					1	4
	SFT SFO RWC SJC GLY MCD FNO BFD PMD SYL BUR LAU NSF	SFO Millbrae RWC Redwood City SJC San Jose GLY Gilroy MCD Merced FNO Fresno BFD Bakersfield PMD Palmdale SYL Sylmar BUR Burbank LAU L.A. Union Sta. NSF Norwalk	Super Super	Super Exp Trains per hour → 1 1 SFT S.FTransbay 1 1 SFO Millbrae Image: Mill of the control of t	Super Exp SF-M Trains per hour → 1 1 1 SFT S.FTransbay 1 1 1 SFO Millbrae - 1 1 RWC Redwood City 1 1 1 SJC San Jose 1 1 1 GLY Gilroy 1 1 1 MCD Merced 1 1 1 FNO Fresno - - - BFD Bakersfield - - - PMD Palmdale - - - - SYL Sylmar - </td <td>Super Exp SF-M LA-M Trains per hour → 1 1 1 1 SFT S.FTransbay 1 1 1 SFO Millbrae - 1 - RWC Redwood City 1 1 - SJC San Jose 1 1 - GLY Gilroy 1 1 - MCD Merced 1 1 - FNO Fresno 1 1 - BFD Bakersfield 1 1 - PMD Palmdale 1 1 - - SYL Sylmar 1 1 - - BUR Burbank 1 1 1 1 LAU L.A. Union Sta. 1 1 1 1</td> <td>Super Exp SF-M LA-M CV2 Trains per hour → 1 1 1 1 1 1 SFT S.FTransbay 1 1 1 1 1 SFO Millbrae - 1 1 1 1 1 RWC Redwood City 1 <td< td=""><td>Super Exp SF-M LA-M CV2 SFV2 Trains per hour → 1 1 1 1 1 1 SFT S.FTransbay 1 1 1 1 1 SFO Millbrae - 1 1 1 1 1 RWC Redwood City 1</td><td>Super Exp SF-M LA-M CV2 SFV2 CV3 Trains per hour → 1</td><td>Super Indicates Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Trains per hour → 1</td><td>Super Includes Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Local Trains per hour → 1</td></td<></td>	Super Exp SF-M LA-M Trains per hour → 1 1 1 1 SFT S.FTransbay 1 1 1 SFO Millbrae - 1 - RWC Redwood City 1 1 - SJC San Jose 1 1 - GLY Gilroy 1 1 - MCD Merced 1 1 - FNO Fresno 1 1 - BFD Bakersfield 1 1 - PMD Palmdale 1 1 - - SYL Sylmar 1 1 - - BUR Burbank 1 1 1 1 LAU L.A. Union Sta. 1 1 1 1	Super Exp SF-M LA-M CV2 Trains per hour → 1 1 1 1 1 1 SFT S.FTransbay 1 1 1 1 1 SFO Millbrae - 1 1 1 1 1 RWC Redwood City 1 <td< td=""><td>Super Exp SF-M LA-M CV2 SFV2 Trains per hour → 1 1 1 1 1 1 SFT S.FTransbay 1 1 1 1 1 SFO Millbrae - 1 1 1 1 1 RWC Redwood City 1</td><td>Super Exp SF-M LA-M CV2 SFV2 CV3 Trains per hour → 1</td><td>Super Indicates Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Trains per hour → 1</td><td>Super Includes Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Local Trains per hour → 1</td></td<>	Super Exp SF-M LA-M CV2 SFV2 Trains per hour → 1 1 1 1 1 1 SFT S.FTransbay 1 1 1 1 1 SFO Millbrae - 1 1 1 1 1 RWC Redwood City 1	Super Exp SF-M LA-M CV2 SFV2 CV3 Trains per hour → 1	Super Indicates Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Trains per hour → 1	Super Includes Exp Exp SF-M LA-M CV2 SFV2 CV3 SFV3 Local Trains per hour → 1

PEAK HOUR STATION STOPS-NORTHBOUND

PEAK HOUR STATION STOPS-SOUTHBOUND

Pattern No. →	2	1	9	10	7	13	14	15	
	Super	Exp	Ltd A	Ltd B	NLAX	<u>VX</u>	SF-M	LA-M	
Trains per hour →	1	0.5	2	2	0.5	0.5	1.5	1.5	9.5
									TOTAL
ANA Anaheim		0.5			0.5	0.5		1.5	3
NSF Norwalk		0.5			0.5	0.5		1.5	3
LAU L.A. Union Sta.	1	0.5	2	2	0.5	0.5		1.5	8
BUR Burbank				2		0.5		1.5	4
SYL Sylmar			2			0.5		1.5	4
PMD Palmdale				2		0.5		1.5	4
BFD Bakersfield			2		0.5			1.5	4
FNO Fresno			2		0.5			1.5	4
MCD Merced							1.5	1.5	3
GLY Gilroy		0.5		2	0.5		1.5		4.5
SJC San Jose	1	0.5	2	2	0.5	0.5	1.5		8
RWC Redwood City		0.5		2	0.5	0.5	1.5		5
SFO Millbrae			2		0.5		1.5		4
SFT S.FTransbay	1	0.5	2	2	0.5	0.5	1.5		8

PEAK HOUR STATION STOPS-NORTHBOUND 2

Pattern No. →

			Super	Exp	SF-M	LA-M	CV2	SFV2	CV3	SFV3	Local	
	Trains	s per hour →	1	1	1	1	1	1	1	1	1	9
												TOTAL
	ANA	Anaheim	1	1		1					1	4
_	NSF	Norwalk	1	1		1					1	4
	LAU	L.A. Union Sta.	1	1		1	1	1	1	1	1	8
	BUR	Burbank				1	1			1	1	4
	SYL	Sylmar				1		1	1	1	1	5
_	PMD	Palmdale				1	1	1		1	1	5
	BFD	Bakersfield				1			1	1	1	4
	FNO	Fresno				1	1		1		1	4
	MCD	Merced			1	1						2
	GLY	Gilroy		1	1		1	1		1	1	6
	SJC	San Jose	1	1	1		1	1	1	1	1	8
	RWC	Redwood City		1	1			1	1	1	1	6
_	SFO	Millbrae			1		1		1		1	4
_	SFT	S F -Transhay	1	1	1		1	1	1	1	1	R

18 19 20 21

14 15

OFF-PEAK HOUR STATION STOPS

•											
Patter	n No. →	2	1	9	10	7	13	14	15	4	
		Super	Exp	Ltd A	Ltd B	NLAX	VX	SF-M	LA-M	Local	
Trains	per hour →	0	0.5	2	2	0.5	0	0.8	0.8	0.5	7.1
											TOTAL
SFT	S.FTransbay	0	0.5	2	2	0.5	0	0.8		0.5	6.3
SFO	Millbrae			2		0.5		0.8		0.5	3.8
RWC	Redwood City		0.5		2	0.5	0	0.8		0.5	4.3
SJC	San Jose	0	0.5	2	2	0.5	0	0.8		0.5	6.3
GLY	Gilroy		0.5		2	0.5		8.0		0.5	4.3
MCD	Merced							0.8	0.8		1.6
FNO	Fresno			2		0.5			0.8	0.5	3.8
BFD	Bakersfield			2		0.5			0.8	0.5	3.8
PMD	Palmdale				2		0		0.8	0.5	3.3
SYL	Sylmar			2			0		0.8	0.5	3.3
BUR	Burbank				2		0		0.8	0.5	3.3
LAU	L.A. Union Sta.	0	0.5	2	2	0.5	0		0.8	0.5	6.3
NSF	Norwalk		0.5			0.5	0		0.8	0.5	2.3
ANA	Anaheim		0.5			0.5	0		8.0	0.5	2.3

OFF-PEAK HOUR STATION STOPS

	Patter	n No. →	2	- 1	14	15	16	17	4	
			Super	Exp	SF-M	LA-M	CV2	SFV2	Local	
1	Trains	per hour →	0	1.1	1	1	1.7	1.7	1.1	7.6
										TOTAL
	SFT	Anaheim		1.1		1			1.1	3.2
	SFO	Norwalk		1.1		1			1.1	3.2
	RWC	L.A. Union Sta.	0	1.1		1	1.7	1.7	1.1	6.6
	SJC	Burbank				1		1.7	1.1	3.8
	GLY	Sylmar				1		1.7	1.1	3.8
	FNO	Palmdale				1		1.7	1.1	3.8
	BFD	Bakersfield				1	1.7		1.1	3.8
	PMD	Fresno				1	1.7		1.1	3.8
	MCD	Merced			1	1				2
_	SYL	Gilroy		1.1	1		1.7	2	1.1	6.9
	BUR	San Jose	0	1.1	1		1.7	1.7	1.1	6.6
	LAU	Redwood City		1.1	1		1.7	1.7	1.1	6.6
	NSF	Millbrae			1		1.7		1.1	3.8
	ANA	S.FTransbay	0	1.1	1		1.7	1.7	 1.1	6.6



The Phase 1 service plan as outlined in this document and its attachments provides a level of service at each station that is generally equivalent to the level of service assumed in the development of the estimates of system ridership and revenue (for Phase 1). A similar methodology is being applied to the service and operations analysis of the HST project to include the extensions of the system to Sacramento and San Diego; the results of the analysis of the system extensions to Sacramento and San Diego will be reported in a separate Technical Memorandum at a later date.

Table 5 indicates a slight increase in the number of peak station stops at Redwood City, Gilroy, Palmdale and Sylmar on the San Fernando Valley and Central Valley Limited services (Patterns 18-21), with a slightly longer running time for these services than indicated in the original service plan for the limited stop services (Patterns 9 and 10). As the HST project studies continue to progress it would be prudent to consider a more detailed ridership estimation to assess the relative merits of these run time and service frequency tradeoffs.

TRAIN SCHEDULE DEVELOPMENT

The process of developing a feasible train schedule for the various combinations of stopping patterns, train origins and destinations and service frequencies entailed overlaying the various patterns in a graphical template known as a "stringline" – which is a diagram with clock time on the horizontal axis and location along the rail system on the vertical axis. Each train movement is represented by a line that traces its path along the network in both time and distance. The stringline for a non-stop train has a steeper slope than that of a multiple-stop train. Stringlines in the same direction of flow are not permitted to intersect one another except at locations where there are additional tracks (at passenger stations) available for faster trains to bypass slower or stopped trains. These locations are assumed to be limited to the areas surrounding the stations on the main portion of the HST line between Gilroy and Palmdale – where non-stop trains are permitted to bypass or "overtake" trains operating in the same direction and stopping at the station. It is also worthy to note that with these service levels and consistent stopping patterns, the conceptual analysis revealed that trains are able to run in sequence (without overtakes) north of Gilroy and south of Palmdale. This attribute is subject to further study and validation, and will be examined in detail when the full dispatch computer simulation is performed

Stringline diagrams were constructed in the spreadsheet model by starting with the highest priority trains (express trains running on clockface schedules), and then adding the other stopping patterns and frequencies in a priority order, adjusting the starting times of each subsequent group of trains to minimize the number of required overtakes and to make sure that all overtakes, when required, occur at the appropriate intermediate station locations. Additional station dwell time was added to the schedules of trains being overtaken, as necessary, to ensure that the minimum three minute separation between trains is maintained.

Hypothetical timetables are presented in the appendices. A timetable for the base service plan is presented in Appendix A1. This same schedule is represented in stringline format in Appendix A2, which shows the patterns of train movements during the morning peak, mid-day period, afternoon peak and late evening period. Appendix B presents the same information for the service plan variation based on three and one half percent and one percent recovery time allowances. A hypothetical timetable for this service plan variation is presented in Appendix B1, with this schedule respresented in stringline format in Appendix B2.

Table 6 shows the number of scheduled trains, for each stopping pattern/service type, within the morning peak, mid-day, afternoon peak and late evening periods. The daily schedule provides a total of 260 revenue trains.



TABLE 6 - REVENUE TRAINS BY TIME PERIOD AND TRAIN TYPE

Pattern	Train Type	End Points		Daily Trai	ins (both d	lirections)	
			Morning Peak 3 Hrs	Mid-Day 7 Hrs	Afternoon Peak 3 Hrs	Late Evening 3+ Hrs	Total Daily
1	Bay Area Limited	SFT-ANA	6	14	6	8	34
2	Express	SFT-ANA	6	_	6	_	12
4	All-Stop Local	SFT-ANA	6	14	6	8	34
10	Central Valley Limited	SFT-ANA	2	_	2	_	4
14	San Francisco-Merced All-Stop	SFT-MCD	6	14*	6	6	32
15	Anaheim-Merced All-Stop	MCD-ANA	6	14*	6	6	32
16	Central Valley Limited	SFT-LAU	_	28	_	6	34
17	San Fernando Valley Limited	SFT-LAU		28	_	6	34
18	Central Valley Limited	SFT-LAU	4	_	4	_	8
19	San Fernando Valley Limited	SFT-LAU	6	_	6	_	12
20	Central Valley Limited	SFT-LAU	6		6		12
21	San Fernando Valley Limited	SFT-LAU	6		6		12
Total			54	112	54	40	260

^{*}Assumes one mid-day interval of 2 hours instead of normal 1 hour headway, during period of lowest ridership demand.

Annual operating costs for HST service, in large measure, are estimated based on the number of train-miles of assumed service operated. Table 7 presents the annual train-miles associated with the Phase 1 service plan. This estimate is based on full daily service for 250 weekdays per year, plus 115 weekend days and holidays with a reduced level of service.

TABLE 7 - DAILY AND ANNUAL TRAIN-MILES

	Daily Train-Miles	Daily Train-Miles	Days/	Annual Train-Miles
		(200m equivalent)	Year	(200m equivalent)
Weekday	106,211	140,405	250	35,101,000
Weekend & Holiday	83,760	83,760	115	9,632,000
Total			365	*44,734,000

^{*} Average annual train miles per 200 meter trainset is estimated at approximately 426,000, assuming a Phase 1 fleet requirement of 105 trainsets including spares (assumed spare ratio of 10%).



Poording Station

ESTIMATED PASSENGER LOADS AND LOAD FACTORS

In order to estimate train consists and fleet requirements, and verify that the capacity of the Phase 1 service plan approximately matches demand, the estimated daily Phase 1 ridership in 2030 of 159,000 trips was factored to develop an approximation of demand by hour for the peak, peak shoulder and off-peak periods. Ridership projections for daily boardings at each station, and annual region-to-region trips factored down to average daily travel, were used to derive a station-to-station daily trip table, which is presented in Table 8 below. The assumed peaking factors are presented in Table 9.

Table 8 – Estimated Daily Station-to-Station Ridership in 2030 (Phase 1)

	Boarding Station														
	San Francisco		Redwood									Los Angeles			
Alighting Station	(Transbay)	Millbrae	City	San Jose	Gilroy	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	Union Station	Norwalk	Anaheim	Total
SFT San Francisco (Transbay)	0	262	1,247	3,154	856	1,707	1,654	1,653	3,421	2,586	614	2,256	1,836	11,643	32,890
SFO Millbrae	262	0	352	891	242	68	66	66	137	104	25	91	74	467	2,845
RWC Redwood City	1,247	352	0	40	11	184	178	178	369	279	66	243	198	1,254	4,599
SJC San Jose	3,154	891	40	0	50	396	384	383	794	600	142	523	426	2,702	10,485
GLY Gilroy	856	242	11	50	0	306	297	296	615	465	110	405	330	2,092	6,074
MCD Merced	1,707	68	184	396	306	0	405	671	556	420	100	367	298	1,892	7,370
FNO Fresno	1,654	66	178	384	297	405	0	955	365	276	65	241	196	1,242	6,324
BFD Bakersfield	1,653	66	178	383	296	671	955	0	514	389	92	339	276	1,750	7,562
PMD Palmdale	3,421	137	369	794	615	556	365	514	0	135	360	6,473	826	2,499	17,063
SYL Sylmar	2,586	104	279	600	465	420	276	389	135	0	91	1,632	208	630	7,814
BUR Burbank	614	25	66	142	110	100	65	92	360	91	0	1,686	215	651	4,217
LAU Los Angeles Union Station	2,256	91	243	523	405	367	241	339	6,473	1,632	1,686	0	730	2,211	17,197
NSF Norwalk	1,836	74	198	426	330	298	196	276	826	208	215	730	0	0	5,613
ANA Anaheim	11,643	467	1,254	2,702	2,092	1,892	1,242	1,750	2,499	630	651	2,211	0	0	29,034
Total	32,890	2,845	4,599	10,485	6,074	7,370	6,324	7,562	17,063	7,814	4,217	17,197	5,613	29,034	159,087

TABLE 9 - RIDERSHIP PEAKING FACTORS

Origin-Destination Market	Peak Hour	Peak Shoulder	6 peak	10 off-peak		al Peaking tors
		Hour	hours	hours	PM Peak South- bound	PM Peak North- bound
Inter-regional	12%	10%	54%	46%	1.0	1.0
Within MTC territory	17%	11%	67%	33%	1.2	0.8
Within SCAG territory	15%	10%	61%	39%	0.9	1.1

For the peak hour, average peak shoulder hour and average off-peak hour, station-to-station ridership was allocated among the available trains operating during those hours. Where choices among both express and local trains exist, a higher percentage of trips is allocated to the faster express services. Within each hour, overall demand is constrained by trainset seating capacity. Where the initial allocation of trips resulted in some trains being over capacity, a portion of the affected station-to-station loads were re-assigned to trains with available seating capacity operating within the same hour.



The graphs on the following pages show the estimated passenger loadings on the various train types for each station-to-station segment. In all cases, passenger loads can be kept within the 1,000 seat capacity of a 400 m trainset. The express services require 400 m trainsets all day long. The all-stop local trains, selected limited stop trains, and the Anaheim-Merced local trains all have passenger loads between 500 and 1,000 passengers, necessitating 400 m trainsets. All off-peak trains other than the hourly expresses have passenger loads under 500 and can be accommodated on 200 m trainsets.

FIGURE 1 – ESTIMATED PASSENGER LOADS IN 2030 – EVENING PEAK HOUR SOUTHBOUND



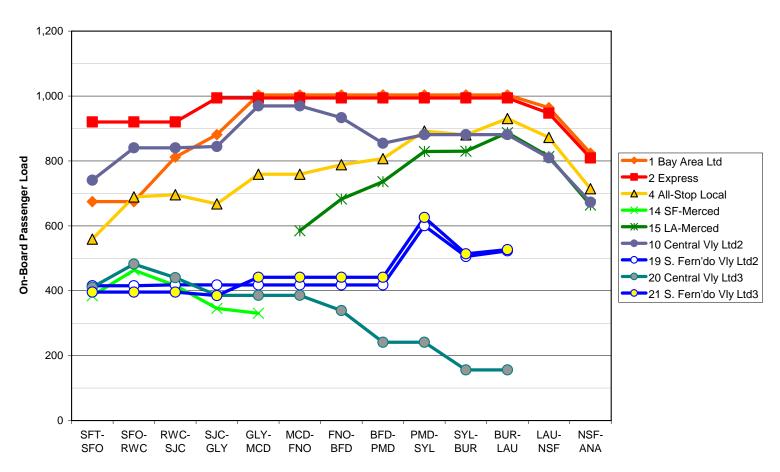




FIGURE 2 – ESTIMATED PASSENGER LOADS IN 2030 – EVENING PEAK SHOULDER HOUR SOUTHBOUND

Passenger Loadings - Avg Train in Peak Shoulder Hour PM Peak Southbound

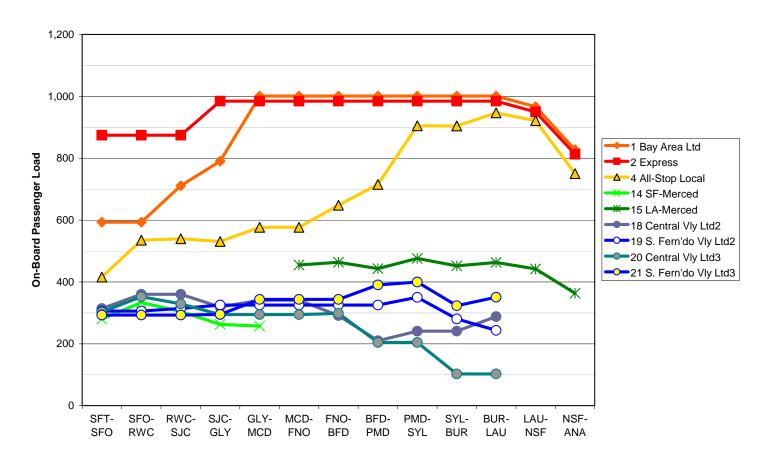


FIGURE 3 — ESTIMATED PASSENGER LOADS IN 2030 — EVENING PEAK HOUR NORTHBOUND

Passenger Loadings - Peak Hour (Individual Train) PM Peak Northbound

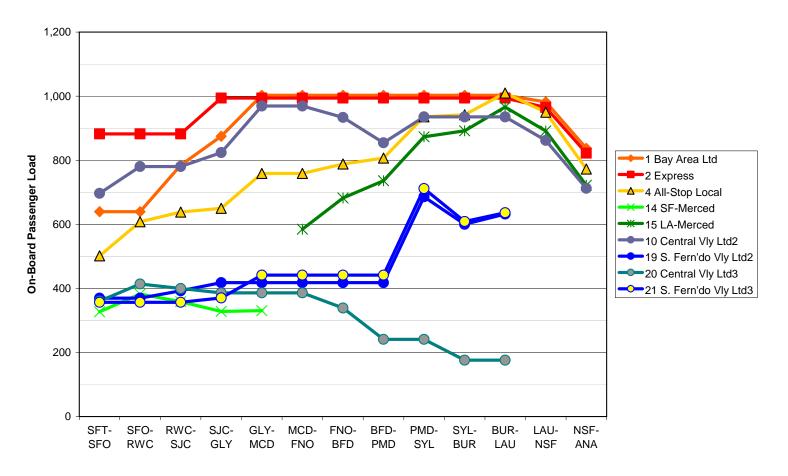




FIGURE 4 — ESTIMATED PASSENGER LOADS IN 2030 — EVENING PEAK SHOULDER HOUR NORTHBOUND

Passenger Loadings - Avg Train in Peak Shoulder Hour PM Peak Northbound

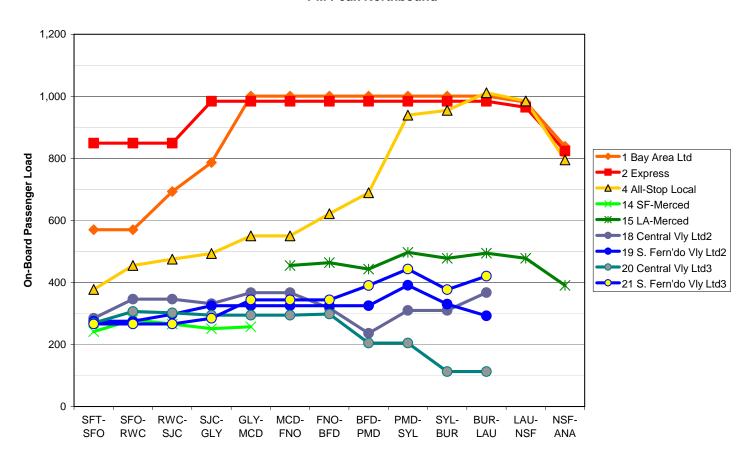
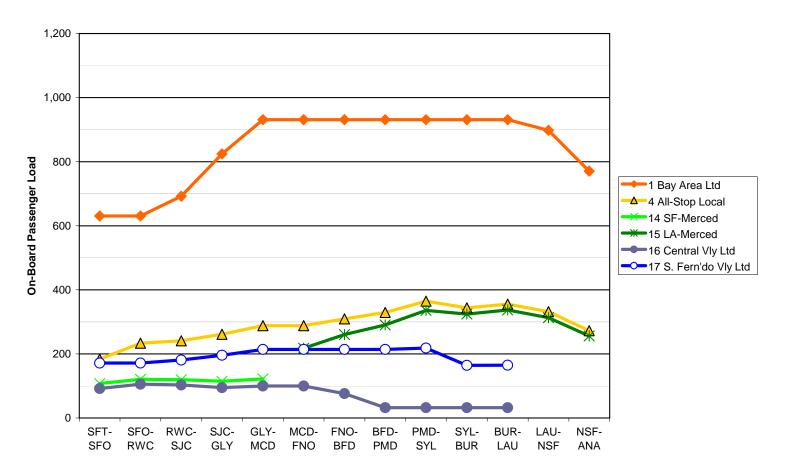




FIGURE 5 — ESTIMATED PASSENGER LOADS IN 2030 — AVERAGE OFF-PEAK

Passenger Loadings - Avg Off-Peak Train Southbound / Northbound





5. FLEET REQUIREMENTS

EQUIPMENT CYCLES

The concept level train schedule presented in Appendix A, which shows 260 daily revenue trains, was analyzed to estimate the number of trainsets based upon the number of 200 m and 400 m trainsets required to meet forecasted 2030 demand. Trains arriving at a terminal station are assumed to lay over at the platform for a certain period of time, for passenger alighting train servicing/inspection and passenger boarding, then depart in the opposite direction as the next available departing revenue train. This analysis generally adhered to the minimum terminal layover times presented in Table 2. In certain cases, shorter layover times were assumed in order to keep the number of trainsets to a reasonable minimum and to avoid inordinately long layovers, which would occupy terminal station or yard tracks for extended periods of time. Except during the late evening time period, train sets are generally available at the SFT and ANA terminals to provide "protection" for short connections from potentially delayed trains. These additional equipment sets would be culled from the 400 m local and limited trains operating during the morning peak period that continue during the mid-day period as 200 m trains. The train turns at the endpoint terminals are balanced during the mid-day and late evening off-peak hours. During the peaks, additional directional service is offered, so a relatively small number of trains are designated for mid-day yard storage in lieu of making a revenue turn.

Most trainsets are able to make 3-4 trips between the Bay area and Los Angeles basin over the course of a service day. Selected trains (one per hour each way) operate to and from Merced. At Merced, these trains then turn for the next available train operating towards the alternate terminal (i.e., a San Francisco-Merced train will lay over at Merced and turn for a Merced-Anaheim train).

REVENUE TRAINSETS

A "baseline" total of sixty five (65), 200 m trainsets were estimated to operate the 260 daily train schedule in revenue service. An additional twenty-nine (29), 200m sets are required to "fill out" the 400m trainsets that serve the peak periods (and all-day express services), as shown in Table 10.

Table 10 - 200m Train Sections Needed To "fill out" 400m trains

Bay Area Limited	9
Express	6
All-Stop Local	6
Anaheim-LA-Merced	2
Central Valley Limited	2
San Fernando Valley Limited	4
Total	29



6. TRAIN STORAGE REQUIREMENTS

The number of trainsets estimated to be stored at each terminal location during both the overnight period and the mid-day off-peak period was calculated for the Phase 1 service plan based on the Phase 1 equipment cycles. The sixty five (65) revenue trainset consists required for Phase 1, includes thirty-six (36) 200m trainsets and twenty-nine (29) 400m trainsets, were distributed among the four terminals for overnight storage as follows:

TABLE 11 - OVERNIGHT TRAIN STORAGE REQUIREMENTS

(Revenue Trainsets)

Location	200 m Sets	400 m Sets	Total Trainsets	200 m Equivalents	400 m Yard Tracks*
San Francisco	14	[13] 4 BayArea Ltd 3 Express 2 SF Vly Ltd 1 CenVly Ltd 3 All-Stop	27	40	20
Los Angeles	13	[2] 2 SF Vly Ltd	15	17	9
Anaheim	4	[13] 5 BayArea Ltd 3 Express 1 CenVly Ltd 3 All-Stop 1 LA-Merced	17	30	15
Merced	5	[1] 1 LA-Merced	6	7	4
Total	36	29	65	94	48

^{*} Additional tracks will be required at most locations for train maneuvering and to support required maintenance functions. Allowances for extensions to Sacramento and San Diego to satisfy full system needs are not included and will be added later at the conclusion of the Sacramento and San Diego extensions Study which will follow this analysis and report.

The overnight train storage requirements influence the sizes of the required storage yards capacities significantly. Train storage yards can be configured in several different ways, depending upon the size and shape of the available property for yard storage. Yards could be configured as a series of double-ended 400m tracks capable of storing either one 400m train or two 200m trains. Or, yards could comprise a combination of 400m and 200m long tracks. The storage yards are assumed to be located in reasonable proximity to the terminal stations, to minimize the extent of non-revenue or "deadhead" train movements, although the yards do not need to be immediately adjacent to the stations. Detailed operations analysis of the terminal stations, storage yards and connecting trackage have not yet been performed but are planned to be undertaken at a future stage of project development. Utilization of tracks in terminal stations to supplement overnight storage capacity will be examined during this analysis.



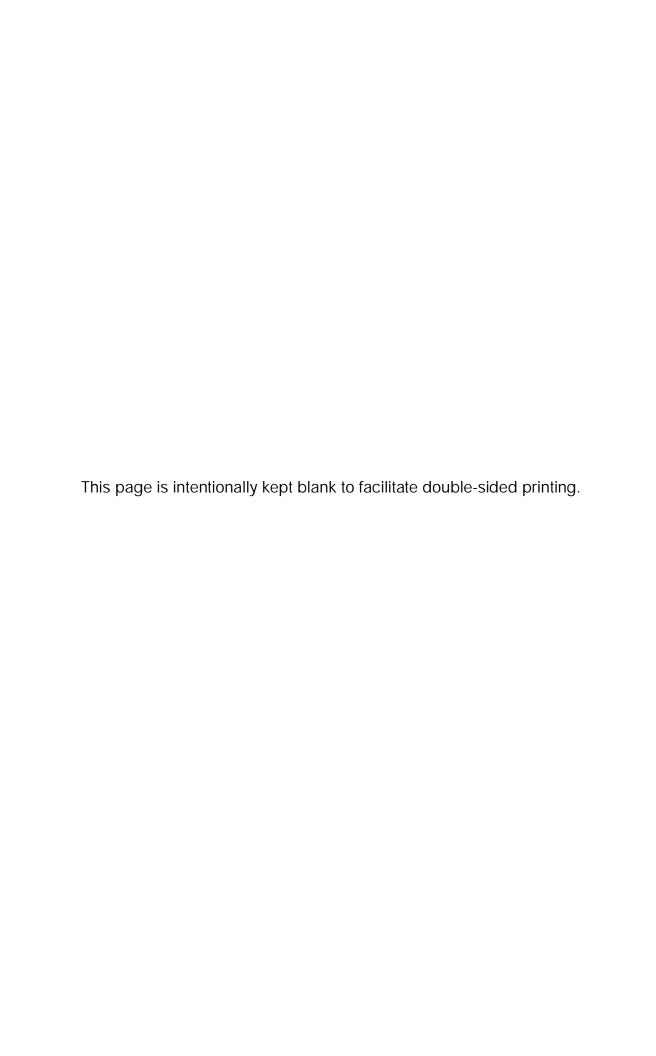
All sixty five trainset consists are forecasted to be in active revenue during both the morning and afternoon peak periods. The mid-day off-peak train schedule (between approximately 11:00 AM and 3:00 PM) can be operated with fifty-eight revenue trainsets. The remaining seven trainsets (all 400m long) will be stored in the terminal and yards, along with an additional thirteen (13) 200m sets culled from trains that need to be 400m long to meet peak demand but which can be reduced to 200m long during the mid-day period to reduce the quantity of off-peak empty seat-mileage. The number of required mid-day storage tracks, by location, is presented in the following table.

TABLE 12 - MID-DAY TRAIN STORAGE REQUIREMENTS

(Revenue Trainsets)

Location	200 m Extra Sets	400 m Sets	Total Trainsets	200 m Equivalents	400 m Yard Tracks
San Francisco	[6] 2 SF Vly Ltd 1 CenVly Ltd 3 All-Stop	[3] 3 Express	9	12	6
Los Angeles	2 SF Vly Ltd		2	2	1
Anaheim	[4] 3 All-Stop 1 LA-Merced	[4] 3 Express 1 CenVly Ltd	8	12	6
Merced	1 LA-Merced		1	1	1
Total	13	7	20	27	14





APPENDICES – PHASE 1 SERVICE PLAN CHARACTERISTICS

[A] Base, with 7.0% Recovery Time Allowance

To develop the base Phase 1 conceptual service plan and hypothetical train schedules, trains were applied to the schedule in the following sequence:

- San Francisco-Los Angeles-Anaheim Bay Area Limited service (Pattern #1) -(SFT-RWC-SJC-GLY-LAU-NSF-ANA)
 - Clockface departures on the hour southbound from SFT, with first departure at 5:00 AM and last departure at 9:00 PM
 - Clockface hourly departures northbound, from ANA at :35 and departing LAU at :00, with first departure at 4:35 AM and last departure at 8:35 PM
- 2. San Francisco-Los Angeles Express service (Pattern #2) (SFT-SJC-LAU)
 - Service provided only during the 3-hour morning and afternoon business travel peaks, one train per hour in each direction in each peak period
 - Clockface departures on the half hour southbound from SFT and northbound from LAU, with morning departures at approximately 5:30 AM, 6:30 AM and 7:30 AM and afternoon departures from Los Angeles at approximately 3:30 PM, 4:30 PM and 5:30 PM, and from Anaheim at :05 past the hour.
 - These trains are assumed to operate to Anaheim in Phase 1, in order to spread the peak period demand between the Bay Area and Anaheim among a greater number of trains.
- 3. San Fernando Valley Ltd. (Patterns #19 and #21 peak, #17 off-peak) Limited stop service between San Francisco and L.A., stopping at San Fernando Valley stations and generally bypassing Central Valley stops
 - 30-minute headways in both directions of travel all day long
 - Off-peak, southbound departures from SFT at :03 and :33; northbound departures from LAU at :10 and :40
 - Service operates without being overtaken
 - Service tapers after 7:00 pm
- 4. Central Valley Ltd. (Patterns #18 and #20 peak, #16 off-peak) Limited stop service between San Francisco and L.A. stopping at Fresno and Bakersfield and making limited stops within the San Fernando Valley
 - 30-minute headways in both directions of travel all day long
 - Off-peak, southbound departures from SFT at :08 and :38; northbound departures from LAU at :03 and :33
 - During off-peak hours, service operates without being overtaken
 - During peak hours, one of the two trains in each hour is overtaken in each direction (southbound at Fresno, northbound at Gilroy)
 - Peak train in each peak period operates to/from Anaheim (ANA) to provide additional required seating capacity at the height of the peak at Anaheim.



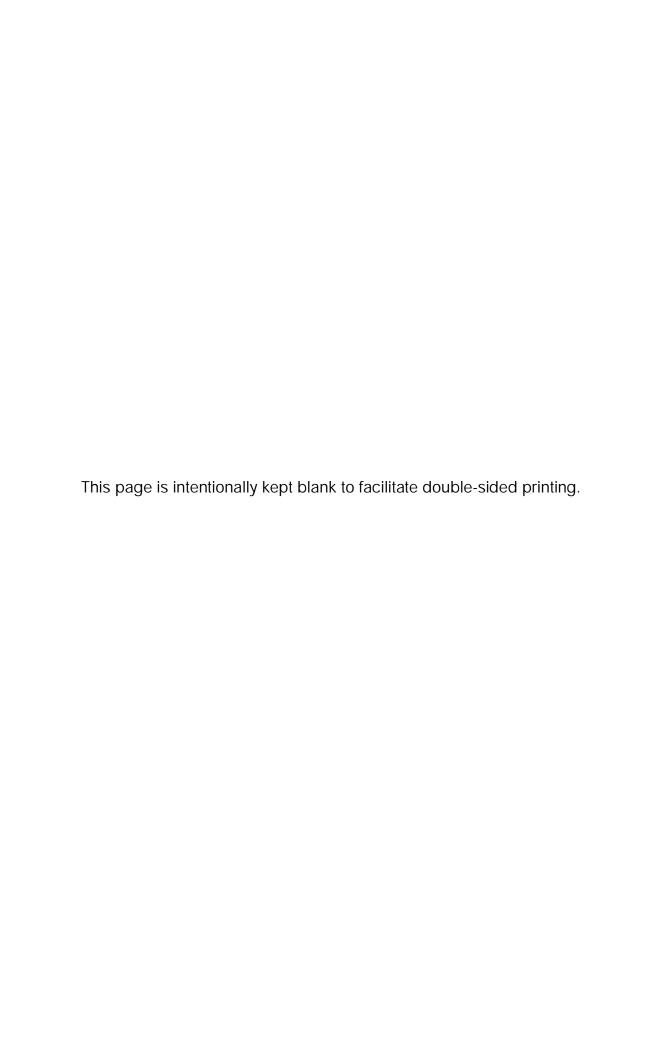
- Service tapers after 7:00 pm
- 5. All-stop service, to ensure direct train service connectivity among all possible station pairs (Pattern #4)
 - Hourly service with clockface departure times, San Francisco to Anaheim all day long (Pattern #4, SFT-SFO-RWC-SJC-GLY-FNO-BFD-PMD-SYL-BUR-LAU-NSF-ANA)
 - Southbound trains depart SFT at :14
 - Northbound trains depart Anaheim (ANA) at :52, except during AM and PM business travel peaks, when these trains depart ANA at :46
 - During off-peak hours, the All-Stop trains are overtaken once per trip by limited stop trains, southbound at Bakersfield and northbound at Palmdale
 - During business travel peaks, southbound trains are overtaken twice, by the Super Express service, at Gilroy and by a limited stop train at Fresno; northbound All-Stop trains are overtaken once, at Bakersfield.
- 6. Anaheim-Los Angeles-Merced local service (Pattern #15)
 - Hourly service with clockface departure times, San Francisco to Merced making all intermediate stops (MCD-FNO-BFD-PMD-SYL-BUR-LAU-NSF-ANA)
 - Off-peak trains depart Merced southbound at :02 and depart Anaheim northbound at :20.
 - Peak period trains have slightly different departure times on account of different overtake patterns: southbound from Merced at :19 and northbound from Anaheim at :19.
 - Provides for equipment rotations to/from storage and maintenance facility at Merced
 - These trains could be extended in the system expansions to Sacramento and San Diego
 - During off-peak times, these trains are overtaken by two closely-spaced express trains northbound at Palmdale and southbound at Bakersfield (extra 6 minutes of dwell time)
 - During business travel peaks, southbound trains have the same double overtake at Bakersfield, and northbound trains are overtaken twice at Palmdale and Fresno.
- 7. San Francisco-Merced local service (Pattern #14)
 - Hourly service with clockface departure times, San Francisco to Merced making all intermediate stops (SFT-SFO-RWC-SJC-GLY-MCD)
 - Southbound trains depart SFT at :47; northbound trains depart Merced at :37
 - Provides for equipment rotations to/from storage and maintenance facility at Merced
 - These trains could be extended in the system expansions to Sacramento and San Diego
 - The relatively short distance of operation for this train on the San Francisco-Los Angeles network makes it easier to "slot in" around other trains without triggering an overtake hence its position at the end of the priority sequence.

A hypothetical daily timetable for this service plan is presented in Appendix A1. This same schedule is presented in stringline (time-distance) diagram format in Appendix A2. Equipment cycles and the patterns of movement of each trainset throughout the day are documented in Appendix A3.



A1. Hypothetical Timetable





CALIFORNIA HIGH-SPEED RAIL

CALIFORNIA HIGH-SPI	ED RAIL																																
PHASE 1 TIMET																																	
BASE SERVICE PLAN	Turns from →																																
APPENDIX A1		Night	Reg	Peak O/T	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Reg	Reg	Peak O/T	Peak O/T		Peak O/T	Reg	Peak O/T	Peak O/T	Reg	Reg	Peak O/T	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Reg	Reg	Reg	Reg	Reg
	Direction →	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
	Trainset → Train No. →	M1 S140519	S010500	2 S190504	M2 S140619	3 S180508	4 S040514	5 S020529	S210533	S200537	8 S150547	9 S010600	10 S190604	M5 S140719	11 S100608	12 S040614	13 S020629	14 S210633	15 S200637	16 S150647	17 S010700	18 S190704	8 S140819	19 S180708	20 S040714	21 S020729	22 S210733	23 S200737	24 S150747	16 S140902	25 S010800	M3 S170803	26 S160808
	Pattern →	14	1	19	14	18	4	2	21	20	15	1	19	14	10	4	2	21	20	15	1	19	14	18	4	2	21	20	15	14	1	17	16
Southbound		L.A	Bay	S.Fern'do	L.A	Central			S.Fern'do	Central	S.F	Bay	S.Fern'do	L.A	Central			S.Fern'do		S.F	Bay	S.Fern'do	L.A	Central			S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do	Central
	Service Type →	Merced	Area	Valley	Merced	Valley	All-Stop	_	Valley	Valley	Merced	Area	Valley	Merced	Valley	All-Stop	_	Valley	Valley	Merced	Area	Valley	Merced	Valley	All-Stop	_	Valley	Valley	Merced	Merced	Area	Valley	Valley
Milo Station		Local	Limited	Limited	Local	Limited	Local	Express	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Express	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Express	Limited	Limited	Local	Local	Limited	Limited	Limited
Mile <u>Station</u> 0.0 SFT S.FTran	sbay Dep		5:00	5:04		5:08	5:14	5:29	5:33	5:37	5:47	6:00	6:04		6:08	6:14	6:29	6:33	6:37	6:47	7:00	7:04		7:08	7:14	7:29	7:33	7:37	7:47		8:00	8:03	8:08
14.7 SFO Millbrae	Dep					5:24	5:30			5:53	6:03				6:24	6:30			6:53	7:03				7:24	7:30			7:53	8:03				8:24
26.4 RWC Redwood	City Dep		5:20	5:24		5:34	5:40			6:03	6:13	6:20	6:24		6:34	6:40			7:03	7:13	7:20	7:24		7:34	7:40			8:03	8:13		8:20	8:23	8:34
48.0 SJC San Jose	Dep		5:36	5:40		5:50	5:56	6:00	6:05	6:19	6:29	6:36	6:40		6:50	6:56	7:00	7:05	7:19	7:29	7:36	7:40		7:50	7:56	8:00	8:05	8:19	8:29		8:36	8:39	8:50
77.7 GLY Gilroy	Arr		5:53	5:57		6:07	6:11 6:16		6:21		6:46	6:53	6:57		7:07	7:11 7:16		7:21		7:46	7:53	7:57		8:07	8:11 8:16		8:21		8:46		8:53	8:56	9:07
187.5 MCD Merced	Dep Arr		5.55	5.57		0.07	0.10		0.21		7:21	0.55	0.57		7.07	7.10		1.21		8:21	7.55	1.51		0.07	0.10		0.21		9:21		0.55	0.50	9.07
	Dep	5:19			6:19	+	*							7:19	*	+							8:19	*	+					9:02	1		+
191.5 FNO Fresno	Arr					6:48				*					7:48				*					8:48				*					
000 0 DED Dalametic	Dep	5:42			6:42	6:52	7:03		\downarrow	7:14				7:42	7:52	8:03		igspace	8:14				8:42	8:52	9:03		lacksquare	9:14		9:25			9:50
302.8 BFD Bakersfie	d Arr Dep	6:22			7:21 7:29				7:38	7:54				8:21 8:29				8:38	8:54				9:21 9:29				9:38	9:54		10:04 10:10			10:30
387.4 PMD Palmdale	Arr	0.22		→	1.20				7.00	7.04			+	0.20				0.00	0.04			→	0.20				3.00	0.04		10.10		V	10.00
	Dep	6:57		7:40	8:02	7:59	8:15		8:11				8:40	9:02	8:59	9:15		9:11				9:40	10:02	9:59	10:15		10:11			10:44		10:39	
425.7 SYL Sylmar	Dep	7:19		8:02	8:24		8:36		8:33	8:44			9:02	9:24		9:36		9:33	9:44			10:02	10:24		10:36		10:33	10:44		11:06		11:01	
436.3 BUR Burbank	Arr	7:28	+		8:33	8:25	8:45	\downarrow	8:42			\downarrow		9:33	9:25	9:45	. ↓	9:42			+		10:33	10:25	10:45	. ↓	10:42			11:15	\downarrow	11:10	\downarrow
446.6 LAU L.A. Unio	Dep n Sta. Arr	7:36	8:00	8:15	8:42	8:34	8:54	8:18	8:51	8:57		9:00	9:15	9:33	9:25	9:54	9:18	9:42	9:57		10:00	10:15	10.33	10.25	10:45	10:18		10:57		11:13	11:00	11:10 11:19	11:27
	Dep	7:38	8:02	0.10	8:44		8:56	8:20	0.0.	0.01		9:02	0110	9:44	9:36	9:56	9:20	0.0.	0.0.		10:02	10110	10:44	10.01	10:56	10:20				11:25	11:02		
461.8 NSF Norwalk	Arr	7:50	8:14		8:55		9:08	8:32				9:14		9:55	9:49	10:08	9:32				10:14		10:55		11:08	10:32				11:37	11:14		
476.9 ANA Anaheim	Arr	8:01	8:25		9:07		9:19	8:43				9:25		10:07	9:59	10:19	9:43				10:25		11:07		11:19	10:43				11:48	11:25		
									0.04	0.07	0.04	10.05		40.47	40.00			40.04	40.07	2.21	44.05	40.55	44.47	44.44	44.50	44.00	44.04			10.00	12:05	44.50	40.07
	Available →	8:41	9:05	8:55	9:47	9:14	9:59	9:23	9:31	9:37	8:01	10:05	9:55	10:47	10:39	10:59	10:23	10:31	10:37	9:01	11:05	10:55	11:47	11:14	11:59	11:23	11:31	11:37	10:01	12:28	12.03	11:59	12:07
	Available → Turns for →	8:41	9:05	8:55	9:47	9:14	9:59	9:23	9:31	9:37	8:01	10:05	9:55	10:47	10:39	10:59	10:23	10:31	10:37	9:01	11:05	10:55	11:47	11:14	11:59	11:23	11:31	11:37	10:01	12:28	12.05	11:59	12:07
	Turns for →	8:41	9:05	8:55	9:47	9:14	9:59	9:23	9:31	9:37	8:01	10:05	9:55	10:47	10:39	10:59	10:23	10:31	10:37	9:01	11:05	10:55	11:47	11:14	11:59	11:23	11:31	11:37	10:01	12:28	12.03	11:59	12:07
	Turns for → Turns from →	Reg	Reg	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Reg	Reg	Reg	Reg	Reg
	Turns for →																												Reg NB			Reg NB	Reg NB
	Turns for → Turns from →	Reg NB	Reg NB	Reg NB M4	Peak O/T NB	Peak O/T NB	Peak O/T NB	Reg NB	Peak O/T	Peak O/T NB	Peak O/T NB	Reg NB	Reg NB	Peak O/T	Peak O/T NB	Peak O/T NB	Reg NB	Peak O/T NB	Peak O/T NB	Peak O/T NB	Reg NB	Reg NB	Peak O/T NB	Peak O/T NB	Peak O/T NB	Reg NB	Peak O/T NB 70	Peak O/T	Reg	Reg NB	Reg NB	Reg	Reg
	Turns for → Turns from → Direction → Trainset →	Reg NB M3 N150537	Reg NB 41 N010435	Reg NB M4 N150637	Peak O/T NB 61 N190503	Peak O/T NB 62 N180507	Peak O/T NB 42	Reg NB 43	Peak O/T NB 63 N200533 20	Peak O/T NB 64 N210535 21	Peak O/T NB 44 N140519	Reg NB 45 N010535	Reg NB M6 N150737	Peak O/T NB 65 N190603	Peak O/T NB 66 N180607	Peak O/T NB 46	Reg NB 47	Peak O/T NB 67 N200633	Peak O/T NB 68 N210635 21	Peak O/T NB 48 N140619	Reg NB 49 N010635	Reg NB 44 N150837	Peak O/T NB 69 N190703	Peak O/T NB 50 N100642	Peak O/T NB 51	Reg NB 52	Peak O/T NB 70 N200733 20	Peak O/T NB 71 N210735 21	Reg NB 53 N140720	Reg NB 54 N010735	Reg NB 48 N150937	Reg NB 72 N160803	Reg NB 73 N170810
<u>Northbound</u>	Turns for → Turns from → Direction → Trainset → Train No. → Pattern →	Reg NB M3 N150537 15 S.F	Reg NB 41 N010435 1 Bay	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do	Peak O/T	Peak O/T NB 42 N040446 4	Reg NB 43 N020505	Peak O/T	Peak O/T NB 64 N210535 21 S.Fern'do	Peak O/T NB 44 N140519 14 L.A	Reg NB 45 N010535 1 Bay	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do	Peak O/T	Peak O/T NB 46 N040546	Reg NB 47 N020605	Peak O/T	Peak O/T NB 68 N210635 21 S.Fern'do	Peak O/T NB 48 N140619 14 L.A	Reg NB 49 N010635 1 Bay	Reg NB 44 N150837 15 S.F	Peak O/T	Peak O/T	Peak O/T NB 51 N040646	Reg NB 52 N020705	Peak O/T	Peak O/T NB 71 N210735 21 S.Fern'do	Reg NB 53 N140720 14 D L.A	Reg NB 54 N010735 1 Bay	Reg NB 48 N150937 15 S.F	Reg NB 72 N160803 16 Central	Reg NB 73 N170810 17 S.Fern'do
<u>Northbound</u>	Turns for → Turns from → Direction → Trainset → Train No. →	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley	Peak O/T NB 62 N180507 18 Central Valley	Peak O/T NB 42 N040446 4 All-Stop	Reg NB 43 N020505	Peak O/T NB 63 N200533 20 Central Valley	Peak O/T NB 64 N210535 21 S.Fern'do Valley	Peak O/T NB 44 N140519 14 L.A	Reg NB 45 N010535 1 Bay Area	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley	Peak O/T NB 66 N180607 18 Central Valley	Peak O/T NB 46 N040546 4 All-Stop	Reg NB 47 N020605	Peak O/T NB 67 N200633 20 Central Valley	Peak O/T NB 68 N210635 21 S.Fern'do Valley	Peak O/T	Reg NB 49 N010635 1 Bay Area	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley	Peak O/T NB 50 N100642 10 Central Valley	Peak O/T NB 51 N040646 4 All-Stop	Reg NB 52 N020705 2	Peak O/T NB 70 N200733 20 Central Valley	Peak O/T NB 71 N210735 21 S.Fern'do Valley	Reg NB 53 N140720 14 D. L.A Merced	Reg NB 54 N010735 1 Bay Area	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley	Reg NB 73 N170810 17 S.Fern'do Valley
Northbound Mile Station	Turns for → Turns from → Direction → Trainset → Train No. → Pattern →	Reg NB M3 N150537 15 S.F	Reg NB 41 N010435 1 Bay	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do	Peak O/T NB 62 N180507 18 Central Valley	Peak O/T NB 42 N040446 4	Reg NB 43 N020505	Peak O/T	Peak O/T NB 64 N210535 21 S.Fern'do	Peak O/T NB 44 N140519 14 L.A	Reg NB 45 N010535 1 Bay	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do	Peak O/T	Peak O/T NB 46 N040546	Reg NB 47 N020605	Peak O/T NB 67 N200633 20 Central Valley	Peak O/T NB 68 N210635 21 S.Fern'do	Peak O/T NB 48 N140619 14 L.A	Reg NB 49 N010635 1 Bay	Reg NB 44 N150837 15 S.F	Peak O/T	Peak O/T	Peak O/T NB 51 N040646	Reg NB 52 N020705	Peak O/T NB 70 N200733 20 Central Valley	Peak O/T NB 71 N210735 21 S.Fern'do	Reg NB 53 N140720 14 D L.A	Reg NB 54 N010735 1 Bay	Reg NB 48 N150937 15 S.F	Reg NB 72 N160803 16 Central Valley	Reg NB 73 N170810 17 S.Fern'do
	Turns for → Turns from → Direction → Trainset → Train No. → Pattern →	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley	Peak O/T NB 62 N180507 18 Central Valley	Peak O/T NB 42 N040446 4 All-Stop Local	Reg NB 43 N020505 2 Express	Peak O/T NB 63 N200533 20 Central Valley	Peak O/T NB 64 N210535 21 S.Fern'do Valley	Peak O/T NB 44 N140519 14 L.A Merced Local	Reg NB 45 N010535 1 Bay Area Limited	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley	Peak O/T NB 66 N180607 18 Central Valley	Peak O/T NB 46 N040546 4 All-Stop Local 5:46	Reg NB 47 N020605 2 Express	Peak O/T NB 67 N200633 20 Central Valley	Peak O/T NB 68 N210635 21 S.Fern'do Valley	Peak O/T NB 48 N140619 14 L.A Merced Local	Reg NB 49 N010635 1 Bay Area Limited	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley	Peak O/T NB 50 N100642 10 Central Valley Limited	Peak O/T NB 51 N040646 4 All-Stop Local 6:46	Reg NB 52 N020705 2 Express	Peak O/T NB 70 N200733 20 Central Valley	Peak O/T NB 71 N210735 21 S.Fern'do Valley	Reg NB 53 N140720 14 D.A Merced Local	Reg NB 54 N010735 1 Bay Area Limited	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley	Reg NB 73 N170810 17 S.Fern'do Valley
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley	Peak O/T NB 62 N180507 18 Central Valley	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57	Reg NB 43 N020505 2 Express 5:05 5:16	Peak O/T NB 63 N200533 20 Central Valley	Peak O/T NB 64 N210535 21 S.Fern'do Valley	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley	Peak O/T NB 66 N180607 18 Central Valley	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57	Reg NB 47 N020605 2 Express 6:05 6:16	Peak O/T NB 67 N200633 20 Central Valley	Peak O/T NB 68 N210635 21 S.Fern'do Valley	Peak O/T	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57	Reg NB 52 N020705 2 Express 7:05 7:16	Peak O/T NB 70 N200733 20 Central Valley	Peak O/T NB 71 N210735 21 S.Fern'do Valley	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley	Reg NB 73 N170810 17 S.Fern'do Valley
Mile Station 0.0 ANA Anaheim	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited	Peak O/T NB 62 N180507 18 Central Valley Limited	Peak O/T	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited	Peak O/T NB 66 N180607 18 Central Valley Limited	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited	Peak O/T	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited	Reg NB 53 N140720 14 L.A Merced Local 7:20 7:31 7:43	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Dep Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley	Peak O/T NB 62 N180507 18 Central Valley Limited	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11	Reg NB 43 N020505 2 Express 5:05 5:16	Peak O/T NB 63 N200533 20 Central Valley Limited	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited	Peak O/T NB 66 N180607 18 Central Valley Limited	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11	Reg NB 47 N020605 2 Express 6:05 6:16	Peak O/T NB 67 N200633 20 Central Valley Limited	Peak O/T NB 68 N210635 21 S.Ferndo Valley Limited	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11	Reg NB 52 N020705 2 Express 7:05 7:16	Peak O/T NB 70 N200733 20 Central Valley	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited	Reg NB 53 N140720 14 D L.A Merced Local 7:20 7:31 7:43 7:45	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited	Peak O/T NB 62 N180507 18 Central Valley Limited	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited	Peak O/T NB 66 N180607 18 Central Valley Limited	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited	Peak O/T	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited	Reg NB 53 N140720 14 L.A Merced Local 7:20 7:31 7:43	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Dep Dep Dep De	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited	Peak O/T	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Dep Arr Dep Dep Dep Dep Dep Dep Dep D	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:30 5:51 6:22	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:54 6:03 6:23 6:27	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 7:03 7:23 7:27	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 L.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Dep Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Dep Dep Arr Dep Dep Dep Dep Dep Dep Dep D	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr	Reg NB M3 N150537 15 S.F Merced Local	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F Merced Local	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F Merced Local	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced Local	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced Local	Reg NB 72 N160803 16 Central Valley Limited 8:03	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie 285.4 FNO Fresno 354.4 MCD Merced	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep	Reg NB M3 N150537 15 S.F Merced	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42 6:49	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17 6:42 7:49	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42 8:49	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced	Reg NB 72 N160803 16 Central Valley Limited 8:03	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr	Reg NB M3 N150537 15 S.F Merced Local	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58	Reg NB M4 N150637 15 S.F Merced Local	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58	Reg NB M6 N150737 15 S.F Merced Local	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17	Peak O/T	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58	Reg NB 44 N150837 15 S.F Merced Local	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58	Reg NB 48 N150937 15 S.F Merced Local	Reg NB 72 N160803 16 Central Valley Limited 8:03	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29 8:51
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jose	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Arr Dep	Reg NB M3 N150537 15 S.F Merced Local	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58 5:00	Reg NB M4 N150637 15 S.F Merced Local 6:37 7:13	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17 5:39	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42 6:49	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27 7:08 7:51 8:08	Reg NB 43 N020505 2 Express 5:05 5:16 5:28	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47 6:37 7:17	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58 6:00	Reg NB M6 N150737 15 S.F Merced Local	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17 6:39	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17 6:42 7:49	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27 8:08 \$\bigsymbol{\psi}\$ 8:51 9:08	Reg NB 47 N020605 2 Express 6:05 6:16 6:28	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47 7:37 8:17	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26 7:49 9:06 9:23	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58 7:00	Reg NB 44 N150837 15 S.F Merced Local	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17 7:39	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42 8:49	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27 9:08 \$\sqrt{9:08} 10:08	Reg NB 52 N020705 2 Express 7:05 7:16 7:28	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37 9:17	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58 8:00	Reg NB 48 N150937 15 S.F Merced Local 9:37 10:13 10:30	Reg NB 72 N160803 16 Central Valley Limited 8:03 9:00 9:40 10:24 10:41	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29 8:51
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jose 450.5 RWC Redwood	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Arr Dep City Arr	Reg NB M3 N150537 15 S.F Merced Local 5:37 6:13 6:30 6:44	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58 5:00 7:09 7:24 7:39	Reg NB M4 N150637 15 S.F Merced Local 6:37 7:13 7:30 7:44	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17 5:39	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42 6:49 7:30 7:36 7:53	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27 7:08 7:51 8:08 8:22	Reg NB 43 N020505 2 Express 5:05 5:16 5:28 5:30 7:50	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47 6:37 7:17	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26 6:49 8:06 8:23 8:36	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58 6:00 8:09 8:24 8:39	Reg NB M6 N150737 15 S.F Merced Local 7:37 8:13 8:30 8:44	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17 6:39	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17 6:42 7:49 8:30 8:36 8:53	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27 8:08 \$\$\square\$\$	Reg NB 47 N020605 2 Express 6:05 6:16 6:28 6:30	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47 7:37 8:17	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26 7:49 9:06 9:23 9:36	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58 7:00 9:09 9:24	Reg NB 44 N150837 15 S.F Merced Local 8:37 9:13 9:30 9:44	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17 7:39 9:23 9:40 9:54	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42 8:49 9:30 9:36 9:53	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27 9:08 \$\sqrt{10:08} 10:08 10:22	Reg NB 52 N020705 2 Express 7:05 7:16 7:28 7:30	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37 9:17	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26 8:49 10:06 10:23 10:36	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58 8:00 10:09 10:24 10:39	Reg NB 48 N150937 15 S.F Merced Local 9:37 10:13 10:30 10:44	Reg NB 72 N160803 16 Central Valley Limited 8:03 9:00 9:40 10:24 10:41 10:55	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29 8:51 10:34 10:51 11:05
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jose 450.5 RWC Redwood 462.2 SFO Millbrae	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep City Arr	Reg NB M3 N150537 15 S.F Merced Local 5:37 6:13 6:30 6:44 6:55	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58 5:00 7:09 7:24 7:39	Reg NB M4 N150637 15 S.F Merced Local 6:37 7:13 7:30 7:44 7:55	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17 5:39 7:23 7:40 7:54	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42 6:49 7:30 7:36 7:53 8:11	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27 7:08 7:51 8:08 8:22 8:32	Reg NB 43 N020505 2 Express 5:05 5:16 5:28 5:30 7:50	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47 6:37 7:17 # 8:12 8:26 8:37	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26 6:49 # 8:06 8:23 8:36	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58 6:00 8:09 8:24 8:39	Reg NB M6 N150737 15 S.F Merced Local 7:37 8:13 8:30 8:44 8:55	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17 6:39	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17 6:42 7:49 8:30 8:36 8:53 9:11	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27 8:08 \$\$\square\$\$	Reg NB 47 N020605 2 Express 6:05 6:16 6:28 6:30	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47 7:37 8:17 9:12 9:26 9:37	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26 7:49 9:06 9:23 9:36	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58 7:00 9:09 9:24 9:39	Reg NB 44 N150837 15 S.F Merced Local 8:37 9:13 9:30 9:44 9:55	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17 7:39 9:23 9:40 9:54	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42 8:49 9:30 9:36 9:53 10:11	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27 9:08 \$\sqrt{10:08} 10:22 10:32	Reg NB 52 N020705 2 Express 7:05 7:16 7:28 7:30	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37 9:17 10:12 10:26 10:37	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26 8:49 10:06 10:23 10:36	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58 8:00 10:09 10:24 10:39	Reg NB 48 N150937 15 S.F Merced Local 9:37 10:13 10:30 10:44 10:55	Reg NB 72 N160803 16 Central Valley Limited 8:03 9:00 9:40 10:24 10:41 10:55 11:05	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29 8:51 10:34 10:51 11:05
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unio 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jose 450.5 RWC Redwood	Turns for → Turns from → Direction → Trainset → Train No. → Pattern → Service Type → Dep Dep Dep Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep Arr Dep City Arr	Reg NB M3 N150537 15 S.F Merced Local 5:37 6:13 6:30 6:44	Reg NB 41 N010435 1 Bay Area Limited 4:35 4:46 4:58 5:00 7:09 7:24 7:39	Reg NB M4 N150637 15 S.F Merced Local 6:37 7:13 7:30 7:44 7:55	Peak O/T NB 61 N190503 19 S.Fern'do Valley Limited 5:03 5:17 5:39 7:23 7:40 7:54	Peak O/T NB 62 N180507 18 Central Valley Limited 5:07 5:17 5:42 6:49 7:30 7:36 7:53	Peak O/T NB 42 N040446 4 All-Stop Local 4:46 4:57 5:09 5:11 5:30 5:51 6:22 6:27 7:08 7:51 8:08 8:22 8:32	Reg NB 43 N020505 2 Express 5:05 5:16 5:28 5:30 7:50	Peak O/T NB 63 N200533 20 Central Valley Limited 5:33 5:47 6:37 7:17 # 8:12 8:26 8:37	Peak O/T NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:45 5:54 6:26 6:49 # 8:06 8:23 8:36	Peak O/T NB 44 N140519 14 L.A Merced Local 5:19 5:30 5:42 5:44 5:54 6:03 6:23 6:27 7:02 7:41 7:45	Reg NB 45 N010535 1 Bay Area Limited 5:35 5:46 5:58 6:00 8:09 8:24 8:39	Reg NB M6 N150737 15 S.F Merced Local 7:37 8:13 8:30 8:44 8:55	Peak O/T NB 65 N190603 19 S.Fern'do Valley Limited 6:03 6:17 6:39	Peak O/T NB 66 N180607 18 Central Valley Limited 6:07 6:17 6:42 7:49 8:30 8:36 8:53 9:11	Peak O/T NB 46 N040546 4 All-Stop Local 5:46 5:57 6:09 6:11 6:30 6:51 7:22 7:27 8:08 \$\$\square\$\$	Reg NB 47 N020605 2 Express 6:05 6:16 6:28 6:30	Peak O/T NB 67 N200633 20 Central Valley Limited 6:33 6:47 7:37 8:17	Peak O/T NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:45 6:54 7:26 7:49 9:06 9:23 9:36	Peak O/T NB 48 N140619 14 L.A Merced Local 6:19 6:30 6:42 6:44 6:54 7:03 7:23 7:27 8:02 8:41 8:45	Reg NB 49 N010635 1 Bay Area Limited 6:35 6:46 6:58 7:00 9:09 9:24	Reg NB 44 N150837 15 S.F Merced Local 8:37 9:13 9:30 9:44	Peak O/T NB 69 N190703 19 S.Fern'do Valley Limited 7:03 7:17 7:39 9:23 9:40 9:54	Peak O/T NB 50 N100642 10 Central Valley Limited 6:42 6:53 7:05 7:07 7:17 7:42 8:49 9:30 9:36 9:53 10:11	Peak O/T NB 51 N040646 4 All-Stop Local 6:46 6:57 7:09 7:11 7:30 7:51 8:22 8:27 9:08 \$\sqrt{10:08} 10:22 10:32	Reg NB 52 N020705 2 Express 7:05 7:16 7:28 7:30	Peak O/T NB 70 N200733 20 Central Valley Limited 7:33 7:47 8:37 9:17 10:12 10:26 10:37 10:51	Peak O/T NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:45 7:54 8:26 8:49 10:06 10:23 10:36	Reg NB 53 N140720 14 D.A Merced Local 7:20 7:31 7:43 7:45 7:55 8:04 8:24 8:30 9:05 9:46 10:07	Reg NB 54 N010735 1 Bay Area Limited 7:35 7:46 7:58 8:00 10:09 10:24 10:39	Reg NB 48 N150937 15 S.F Merced Local 9:37 10:13 10:30 10:44	Reg NB 72 N160803 16 Central Valley Limited 8:03 9:00 9:40 10:24 10:41 10:55 11:05 11:21	Reg NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:27 8:29 8:51 10:34 10:51 11:05

CALIFORNIA HIGH-SPEED RAIL

PHASE 1 TIMETA																																		
BASE SERVICE PLAN	Turns from	→																																
APPENDIX A1		Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Peak O/T	Reg	Reg
	Direction Trains		SB 41	SB M4	SB 61	SB 24	SB 62	SB 43	SB 63	SB 42	SB 64	SB M6	SB 45	SB 61	SB 65	SB 66	SB 47	SB 46	SB 68	SB 44	SB 49	SB 45	SB 69	SB 50	SB 52	SB 51	SB 71	SB 48	SB 54	SB 49	SB 72	SB 73	SB 74	<u>SB</u> 55
	Train No.		S170833	S160838	S150847	S141002	S010900	S170903	S160908	S040914	S170933	S160938	S150947	S141102	S011000	S171003	S161008	S041014	S171033	S161038	S151047	S141202	S011100	S171103	S161108	S041114	S171133	S161138	S151147	S141302	S011200	S171203	S161208	S041214
	Pattern	→ 4	17	16	15	14	1	17	16	4	17	16	15	.14	_1	17	16	4	17	16	15	14	_1	17	16	4	17	16	15	14	1	17	16	4
<u>Southbound</u>	Service Type	∡ All₋Ston	S.Fern'do Vallev	Central Valley	S.F Merced	L.A Merced	Bay Area	S.Fern'do Valley	Central Vallev	All-Stop	S.Fern'do Vallev	Central Vallev	S.F Merced	L.A Merced	Bay Area	S.Fern'do Valley	Central Valley	All-Stop	S.Fern'do Valley	Central Valley	S.F Merced	L.A Merced	Bay Area	S.Fern'do Valley	Central Valley	All-Stop	S.Fern'do Valley	Central Valley	S.F Merced	L.A Merced	Bay Area	S.Fern'do Valley	Central Valley	All-Stop
	Service Type	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local
Mile <u>Station</u>																																		
0.0 SFT S.FTran		p 8:14	8:33	8:38 8:54	8:47		9:00	9:03	9:08 9:24	9:14 9:30	9:33	9:38 9:54	9:47		10:00	10:03	10:08 10:24	10:14	10:33		10:47		11:00	11:03		11:14			11:47		12:00	12:03	12:08 12:24	12:14
14.7 SFO Millbrae 26.4 RWC Redwood		p 8:30 p 8:40	8:53	9:04	9:03 9:13		9:20	9:23	9:24	9:40	9:53		10:03 10:13		10:20	10:23		10:30 10:40	10:53	10:54 11:04	11:03 11:13		11:20	11:23	11:34	11:30 11:40	11:53	11:54 12:04	12:03 12:13		12:20	 12:23	12:34	12:30 12:40
48.0 SJC San Jose		р 8:56	9:09	9:20	9:29		9:36	9:39	9:50	9:56	10:09	10:20			10:36		10:50			11:20							12:09	12:20			12:36	12:39	12:50	
77.7 GLY Gilroy	Aı		0.00	0.07	0.40		0.50	0.50	40.07	40:40	40.00	40.07	40.40		40.50	40.50	44.07	44.40	44.00	44.07	44.40		44.50	14.50	40.07	40.40	40.00	40.07	40.40		40.50	40.50	40.07	40.40
187.5 MCD Merced	De Ai	p 9:13	9:26	9:37	9:46 10:21		9:53	9:56	10:07	10:13	10:26	10:37	10:46 11:21		10:53	10:56	11:07	11:13	11:26	11:37	12:21		11:53	11:56	12:07	12:13	12:26	12:37	12:46 13:21		12:53	12:56	13:07	13:13
		p		\		10:02			\	+		+		11:02			\psi	+		\	.=.=.	12:02			+	+		+		13:02			+	+
191.5 FNO Fresno	Aı			40.00		40.05			10.50	40.50		44.00		44.05			44.50	44.50		40.00		40.05			10.50	40.50		40.00		40.05			10.50	10.50
302.8 BFD Bakersfiel		p 9:56 r 10:35		10:20		10:25 11:04			10:50	10:56 11:35		11:20		11:25 12:04			11:50	11:56 12:35		12:20		12:25 13:04			12:50	12:56 13:35		13:20		13:25 14:04			13:50	13:56 14:35
002.0 Di D Dakershei		p 10:39		11:00		11:10			11:30			12:00		12:10			12:30	12:39		13:00		13:10			13:30	13:39		14:00		14:10			14:30	
387.4 PMD Palmdale	Aı		*					*	1		*					*			*					*			*					*		
425.7 SYL Sylmar		p 11:13 p 11:35				11:44 12:06		11:39 12:01		12:13 12:35	12:09 12:31			12:44 13:06		12:39 13:01		13:13 13:35	13:09 13:31			13:44 14:06		13:39 14:01		14:13 14:35	14:09 14:31			14:44 15:06		14:39 15:01		15:13 15:35
436.3 BUR Burbank	Ai		11.51			12.00		12.01		12.00	12.01			13.00		13.01		10.00	10.01			14.00		14.01		14.55	14.51			13.00		13.01		10.00
		p 11:44		*		12:15	*	12:10	*	12:44	12:40	*		13:15	*	13:10	*	13:44	13:40	*		14:15	*	14:10	*	14:44	14:40	*		15:15	*	15:10	*	15:44
446.6 LAU L.A. Union		r 11:52 p 11:54	11:49	11:57		12:23 12:25	12:00 12:02	12:19	12:27	12:52 12:54	12:49	12:57		13:23 13:25	13:00 13:02	13:19	13:27	13:52 13:54	13:49	13:57		14:23 14:25	14:00 14:02	14:19	14:27	14:52 14:54	14:49	14:57		15:23 15:25	15:00 15:02	15:19	15:27	15:52 15:54
461.8 NSF Norwalk		r 12:06				12:37	12:14			13:06				13:37	13:14			14:06				14:37	14:14			15:06				15:37	15:14			16:06
476.9 ANA Anaheim	Aı	r 12:17				12:48	12:25			13:17				13:48	13:25			14:17				14:48	14:25			15:17				15:48	15:25			16:17
	Available	→ 12:57	12:29	12:37	11:01	13:28	13:05	12:59	13:07	13:57	13:29	13:37	12:01	14:28	14:05	13:59	14:07	14:57	14:29	14:37	13:01	15:28	15:05	14:59	15:07	15:57	15:29	15:37	14:01	16:28	16:05	15:59	16:07	16:57
	Turns for	→																																
	Turns from	→																																
	1 41110 11 6111			-	D 107			-	-		-		D 107	-	5		_							-		_	-			-	Dan	-		
	Direction	Reg → NB	Reg NB	Reg NB	Peak O/T NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Peak O/T NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB
	Trains		74	75	56	57	53	2	3	M1	6	7	1	5	56	10	4	M2	14	15	9	13	1	18	19	M5	22	23	17	21	9	M3	26	8
	Train No.		N160833	N170840	N140820	N010835	N151037	N160903	N170910	N040852	N160933	N170940	N140920	N010935	N151137	N161003	N171010	N040952	N161033	N171040	N141020	N011035	N151237	N161103	N171110	N041052	N161133	N171140	N141120	N011135	N151337	N161203	N171210	N041152
Northbound	Pattern	→ 4	16 Central	17 S.Fern'do	14 L.A	1 Bay	15 S.F	16 Central	17 S.Fern'do	4	16 Central	17 S.Fern'do	14 L.A	1 Bay	15 S.F	16 Central	17 S.Fern'do	4	16 Central	17 S.Fern'do	14 L.A	1 Bay	15 S.F	16 Central	17 S.Fern'do	4	16 Central	17 S.Fern'do	14 L.A	1 Bay	15 S.F	16 Central	17 S.Fern'do	4
HOITIBOUILU	Service Type	→ All-Stop	Valley	Valley	Merced	Area	Merced	Valley	Valley	All-Stop	Valley	Valley	Merced	Area	Merced	Valley	Valley	All-Stop	Valley	Valley	Merced	Area	Merced	Valley	Valley	All-Stop	Valley	Valley	Merced	Area	Merced	Valley	Valley	All-Stop
		Local	Limited	Limited	Local	Limited	Local	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Limited	Limited	Local
Mile <u>Station</u> 0.0 ANA Anaheim	Do	p 7:52			8:20	8:35				8:52			9:20	9:35				9:52			10:20	10:35				10:52			11:20	11.35				11:52
15.0 NSF Norwalk		p 8:03			8:31	8:46				9:03			9:31	9:46				10:03			10:20	10:46				11:03				11:46				12:03
30.3 LAU L.A. Union	n Sta. Ai	r 8:15			8:43	8:58				9:15			9:43	9:58				10:15			10:43	10:58				11:15				11:58				12:15
40.6 BUR Burbank		p 8:17 p 8:27	8:33	8:40 8:57	8:45 8:55	9:00		9:03	9:10 9:27	9:17 9:27	9:33	9:40 9:57	9:45 9:55	10:00		10:03		10:17 10:27	10:33	10:40 10:57		11:00		11:03		11:17 11:27	11:33	11:40 11:57		12:00		12:03	12:10 12:27	12:17 12:27
51.1 SYL Sylmar		p 8:36		8:59	9:04				9:29	9:36			10:04					10:27			11:04					11:36		11:59					12:27	12:36
89.4 PMD Palmdale	Aı	r 8:56			9:24					9:56			10:24					10:56			11:24					11:56			12:24					12:56
174.1 BFD Bakersfiel		p 9:01	+	9:21	9:28			+	9:51	10:01	+	10:21	10:28			+	10:51	11:01	+	11:21	11:30			+	11:51	12:01	+	12:21	12:30			—	12:51	13:01
174.1 DED DAKERSHE		r p 9:33	9:30		10:03			10:00		10:33	10:30		11:03			11:00		11:33	11:30		12:05			12:00		12:33	12:30		13:05			13:00		13:33
285.4 FNO Fresno	Aı	r			10:42								11:42																					
254.4 MCD Maras		p 10:14	10:10		10:46			10:40		11:14	11:10		11:46			11:40		12:14	12:10		12:46			12:40		13:14	13:10		13:46			13:40		14:14
354.4 MCD Merced	Ai De	r 🛊	\		11:08		10:37	+		\	\		12:08		11:37	+		\	\		13:07		12:37	+		+	\		14:07		13:37	\		\
399.2 GLY Gilroy	Ai			+					+			+					+			+					+			+		V			+	
428.8 SJC San Jose		p 10:57					_	11:24								12:24				13:04				13:24				14:04				14:24		14:57
	De	p 11:14	11:11	11:21		11:24	11:30	11:41	11:51	12:14	12:11	12:21		12:24	12:30	12:41	12:51	13:14	13:11	13:21		13:24	13:30	13:41	13:51	14:14	14:11	14:21		14:24	14:30	14:41	14:51	15:14

-- 12:55 13:05 -- 13:38 13:35 --

13:00 13:11 **13:21** 13:26 13:54 13:51 13:56

Available \rightarrow 12:24 12:21 12:26 11:48 12:30 12:41 12:51 12:56 13:24 13:21 13:26 12:48 13:30 13:41 13:51 13:56 14:24 14:21 14:26 13:47 14:30 14:41 14:51 14:56 15:24 15:21 15:26 14:47 15:30 15:41 15:51 15:56 16:24

462.2 SFO Millbrae

476.9 SFT S.F.-Transbay

450.5 RWC Redwood City Arr 11:28 11:25 11:35 11:39 11:44 11:55 12:05 12:28 12:25 12:35

-- 11:55 12:05 -- 12:38 12:35 --

12:00 12:11 **12:21** 12:26 12:54 12:51 12:56

Arr 11:38 11:35 --

Arr 11:54 11:51 11:56

Turns for →

-- 14:55 15:05 -- 15:38

15:00 15:11 15:21 15:26 15:54

12:39 12:44 12:55 13:05 13:28 13:25 13:35 13:39 13:44 13:55 14:05 14:28 14:25 14:35 14:39 14:44 14:55 15:05 15:28

-- 13:55 14:05 -- 14:38 14:35 --

14:00 14:11 **14:21** 14:26 14:54 14:51 14:56

CALIFORNIA HIGH-SPEED RAII

	PEED RAIL																																	
PHASE 1 TIMET	TABLE																																	
BASE SERVICE PLAN	Turns from →	-																																
ADDENDIV A4		Don	Dog	Dog	Dog	Dog	Dook O/T	Dog	Dog	Dog	Dog	Don	Dog	Dook O/T	Dook O/T	Dog	Dog	Dog	Dog	Dog	Don	Dook O/T	Dook O/T	Deal O/T	Deals O/T	Dog	Dook O/T	Dook O/T	Dog	Dog	Deals O/T	Deels O/T	Dook O/T	Deals O/T
APPENDIX A1	Direction →	Reg SB	Reg SB	Reg SB	Reg SB	Reg SB	Peak O/T SB	Reg SB	Reg SB	Reg SB	Reg SB	Reg SB	Reg SB	Peak O/T SB	Peak O/T SB	Reg SB	Reg SB	Reg SB	Reg SB	Reg SB	Reg SB	Peak O/T SB	Peak O/T SB	Peak O/T SB	Peak O/T SB	Reg SB	Peak O/T SB	Peak O/T SB	Reg SB	Reg SB	Peak O/T SB	Peak O/T SB	Peak O/T SB	SB
	Trainse		53	57	54	2	3	6	M1	7	56	5	10	4	57	14	M2	15	1	13	18	19	5	22	M5	67	23	9	21	M3	26	13	41	8
	Train No. →		S161238	S151247	S141402	S011300	S171303	S161308	S041314	S171333	S161338	S151347	S011400	S171403	S141519	S161408	S041414	S171433	S161438	S151447	S011500	S191504	S141619	S101508	S041514	S021529	S211533	S201537	S151547	S011600	S191604			S041614
	Pattern →	17	16	15	14	1	17	16	4	17	16	15	1	17	14	16	4	17	16	15	1	19	14	10	4	2	21	20	15	1	19	14	18	4
Southbound		S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do			S.Fern'do	Central	S.F	Bay	S.Fern'do	L.A	Central		S.Fern'do	Central	S.F	Bay	S.Fern'do	L.A	Central	, i		S.Fern'do	Central	S.F	Bay	S.Fern'do		Central	
<u> </u>	Service Type →	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Area	Valley	Merced	Valley	All-Stop	Valley	Valley	Merced	Area	Valley	Merced	Valley	All-Stop		Valley	Valley	Merced	Area	Valley	Merced	Valley	All-Stop
		Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Limited	Limited	Local	Limited	Limited	Local	Limited	Local	Express	Limited	Limited	Local	Limited	Limited	Local	Limited	Local
Mile <u>Station</u>																																		
0.0 SFT S.FTrar		12:33		12:47		13:00	13:03	13:08		13:33		13:47	14:00	14:03				14:33		14:47	15:00	15:04				15:29		15:37	15:47	16:00	16:04			16:14
14.7 SFO Millbrae	Dep		12:54	13:03			40.00		13:30	40.50		14:03	44.00	44.00		14:24	14:30	44.50	14:54	15:03	45.00	45.04			15:30			15:53	16:03	40.00	40.04			16:30
26.4 RWC Redwood 48.0 SJC San Jose		12:53		13:13		13:20	13:23			13:53		14:13	14:20 14:36	14:23 14:39			14:40	14:53		15:13	15:20 15:36	15:24 15:40		15:34 15:50	15:40	16:00	 16:05	16:03	16:13	16:20 16:36	16:24 16:40		16:34 16:50	16:40
77.7 GLY Gilroy	e Dep Arr		13:20	13.29		13.30	13:39	13:50	13.30	14:09	14:20	14.29	14.30	14.39		14:50	14.56	15:09	15:20	15.29	15.36	15.40		15.50	16:11	16.00	16.05	10.19	16:29	10.30	10.40			17:11
11.1 GET GIIIOY		13:26	13:37	13:46		13:53	13:56	14:07	14:13	14:26	14:37	14:46	14.53	14:56		15:07	15:13	15:26	15:37	15:46	15.53	15:57		16:07	16:16		16:21		16:46	16:53	16:57			17:16
187.5 MCD Merced	Arr		10.01	14:21		10.00	10.00	1 1.07	1 1.10	1 1.20	1 1.07	15:21	1 1.00	1 1.00		10.07	10.10	10.20	10.01	16:21	10.00	10.07		10.01	10.10		10.21		17:21	10.00	10.07		17.07	17.10
	Dep		*		14:02			*	*		*				15:19	*	*		+	-			16:19	*	*							17:19	*	*
191.5 FNO Fresno	Arr																							16:48				*					17:48	
	Dep		14:20		14:25			14:50	14:56		15:20				15:42	15:50	15:56		16:20				16:42	16:52	17:03			17:14				17:42	17:52	18:03
302.8 BFD Bakersfie					15:04				15:35						16:21		16:35						17:21				•					18:21		
	Dep		15:00		15:10			15:30	15:39		16:00				16:29	16:30	16:39		17:00				17:29				17:38	17:54				18:29		
387.4 PMD Palmdale							45.00		40.40	40.00				40.00	47.00		47.40	47.00				47.40	40.00	47.50	10.15		40.44				40.40	40.00	40.50	10.15
405.7 CVI Culman		15:09			15:44		15:39			16:09				16:39	17:02		17:13	17:09				17:40	18:02		18:15		18:11	40.44			18:40	19:02		19:15
425.7 SYL Sylmar 436.3 BUR Burbank		15:31			16:06		16:01		16:35	16:31				17:01	17:24		17:35	17:31				18:02	18:24		18:36		18:33	18:44			19:02	19:24		19:36
430.3 DON Duibank		15:40	+		16:15	₩	16:10	\	16:44	16:40	+		+	17:10	17:33	\	17:44	17:40	+		\		18:33	18:25	18:45	. ↓	18:42			\		19:33	19:25	19:45
446.6 LAU L.A. Unio			15:57		16:23	16:00	16:19	16:27	16:52	16:49	16:57		17:00	17:19	17:42	17:27	17:52		17:57		18:00	18:15	18:42	18:34	18:54	18:18	18:51	18:57		19:00	19:15			19:54
	Dep		10.01		16:25	16:02			16:54				17:02		17:44		17:54				18:02		18:44		18:56	18:20	10101			19:02	10110	19:44		19:56
461.8 NSF Norwalk	Arr				16:37	16:14			17:06				17:14		17:55		18:06				18:14		18:55	18:49	19:08	18:32				19:14		19:55		20:08
476.9 ANA Anaheim	n Arr				16:48	16:25			17:17				17:25		18:07		18:17				18:25		19:07	18:59	19:19	18:43				19:25		20:07		20:19
	Available →	16:20	16:37	15:01	17:28	17:05	16:59	17:07	17:57	17:29	17:37	16:01	18:05	17:59	18:47	18:07	18:57	18:29	18:37	17:01	19:05	18:55	19:47	19:39	19:59	19:23	19:31	19:37	18:01	20:05	19:55	20:47	20:14	20:59
	Turns for →	10.23	10.57	13.01	17.20	17.05	10.55	17.07	17.57	17.23	17.57	10.01	10.00	17.55	10.47	10.07	10.57	10.23	10.57	17.01	13.03	10.55	13.47	13.33	13.55	13.23	13.31	13.57	10.01	20.00	19.55	20.47	20.14	20.55
	Turns from →																																	
	Turns from →							_	_						_							D												
		Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Peak O/T	Reg	Reg		Peak O/T		Reg	Peak O/T		Reg		Ŭ	Peak O/T		
	Direction →	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
	Direction → Trainse	NB 41	NB M4	NB 25	NB 16	NB 17	NB 43	NB 63	NB 27	NB 64	NB M6	NB 62	NB 24	NB 25	NB 66	NB 47	NB 42	NB 68	NB 44	NB 65	NB 61	NB 62	NB 50	NB 52	NB 46	NB 11	NB 71	NB 48	NB 69	NB 45	NB 65	NB 73	NB 74	NB 51
	Direction → Trainse Train No. →	NB 41 N161233	NB M4 N171240	NB 25 N141220	NB	NB 17 N151437	NB 43 N161303	NB 63 N171310	NB 27 N041252	NB 64 N161333	NB M6 N171340	NB 62 N141320	NB	NB 25 N151537	NB 66 N161403	NB 47 N171410	NB 42 N041352	NB 68 N161433	NB 44 N171440	NB 65 N141419	NB	NB 62 N151637	NB 50 N191503	NB 52 N181507	NB 46 N041446	NB 11 N021505	NB 71 N201533	NB 48 N211535	NB 69 N141519	NB 45 N011535	NB 65 N151737	NB 73 N191603	NB 74 N181607	NB 51 N041546
Northbound	Direction → Trainse	NB 41 N161233	NB M4	NB 25 N141220 14	NB 16 N011235	NB 17	NB 43	NB 63	NB 27	NB 64 N161333	NB M6	NB 62 N141320	NB 24 N011335	NB 25	NB 66	NB 47	NB 42	NB 68 N161433	NB 44	NB 65 N141419 14	NB 61 N011435	NB 62 N151637	NB 50 N191503	NB 52	NB 46	NB 11	NB 71 N201533 20	NB 48	NB 69	NB 45 N011535	NB 65 N151737 15	NB 73 N191603 19	NB 74	NB 51
<u>Northbound</u>	Direction → Trainse Train No. →	NB 41 N161233 16 Central	NB M4 N171240	NB 25 N141220 14	NB 16	NB 17 N151437	NB 43 N161303	NB 63 N171310	NB 27 N041252	NB 64 N161333	NB M6 N171340	NB 62 N141320	NB 24	NB 25 N151537 15	NB 66 N161403	NB 47 N171410	NB 42 N041352	NB 68 N161433	NB 44 N171440 17	NB 65 N141419 14	NB 61	NB 62 N151637	NB 50 N191503	NB 52 N181507	NB 46 N041446 4	NB 11 N021505	NB 71 N201533 20	NB 48 N211535 21	NB 69 N141519	NB 45 N011535	NB 65 N151737 15	NB 73 N191603 19	NB 74 N181607 18 Central	NB 51 N041546
<u>Northbound</u>	Direction → Trainse Train No. → Pattern →	NB 41 N161233 16 Central	NB M4 N171240 17 S.Fern'do	NB 25 N141220 14 L.A	NB 16 N011235 1 Bay	NB 17 N151437 15 S.F	NB 43 N161303 16 Central	NB 63 N171310 17 S.Fern'do Valley	NB 27 N041252 4	NB 64 N161333 16 Central	NB M6 N171340 17 S.Fern'do	NB 62 N141320 14 L.A	NB 24 N011335 1 Bay	NB 25 N151537 15 S.F	NB 66 N161403 16 Central	NB 47 N171410 17 S.Fern'do	NB 42 N041352 4	NB 68 N161433 16 Central	NB 44 N171440 17 S.Fern'do	NB 65 N141419 14 L.A	NB 61 N011435 1 Bay	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do	NB 52 N181507 18 Central	NB 46 N041446	NB 11 N021505	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do	NB 69 N141519 14 L.A	NB 45 N011535 1 Bay	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley	NB 51 N041546 4
Northbound Mile Station	Direction → Trainse Train No. → Pattern →	NB 41 N161233 16 Central Valley	NB M4 N171240 17 S.Fern'do Valley	NB 25 N141220 14 L.A Merced	NB 16 N011235 1 Bay Area	NB 17 N151437 15 S.F Merced	NB 43 N161303 16 Central Valley	NB 63 N171310 17 S.Fern'do Valley	NB 27 N041252 4 All-Stop	NB 64 N161333 16 Central Valley	NB M6 N171340 17 S.Fern'do Valley	NB 62 N141320 14 L.A Merced	NB 24 N011335 1 Bay Area	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley	NB 47 N171410 17 S.Fern'do Valley	NB 42 N041352 4 All-Stop	NB 68 N161433 16 Central Valley	NB 44 N171440 17 S.Fern'do Valley	NB 65 N141419 14 L.A Merced	NB 61 N011435 1 Bay Area	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley	NB 52 N181507 18 Central Valley	NB 46 N041446 4 All-Stop	NB 11 N021505 2	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141519 14 L.A Merced	NB 45 N011535 1 Bay Area	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley	NB 51 N041546 4 All-Stop
Mile <u>Station</u> 0.0 ANA Anaheim	Direction → Trainse Train No. → Pattern → Service Type →	NB t 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley	NB 25 N141220 14 L.A Merced Local	NB 16 N011235 1 Bay Area Limited	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley	NB 63 N171310 17 S.Fern'do Valley	NB 27 N041252 4 All-Stop Local 12:52	NB 64 N161333 16 Central Valley	NB M6 N171340 17 S.Fern'do Valley	NB 62 N141320 14 L.A Merced Local	NB 24 N011335 1 Bay Area Limited	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley	NB 47 N171410 17 S.Fern'do Valley	NB 42 N041352 4 All-Stop Local	NB 68 N161433 16 Central Valley	NB 44 N171440 17 S.Fern'do Valley	NB 65 N141419 14 L.A Merced Local	NB 61 N011435 1 Bay Area Limited	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley	NB 52 N181507 18 Central Valley	NB 46 N041446 4 All-Stop Local	NB 11 N021505 2 Express	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141519 14 L.A Merced Local	NB 45 N011535 1 Bay Area Limited	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep	NB t 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley	NB 25 N141220 14 L.A Merced Local 12:20 12:31	NB 16 N011235 1 Bay Area Limited 12:35 12:46	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley	NB 63 N171310 17 S.Fern'do Valley	NB 27 N041252 4 All-Stop Local 12:52 13:03	NB 64 N161333 16 Central Valley	NB M6 N171340 17 S.Fern'do Valley	NB 62 N141320 14 L.A Merced Local	NB 24 N011335 1 Bay Area Limited 13:35 13:46	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley	NB 47 N171410 17 S.Fern'do Valley	NB 42 N041352 4 All-Stop Local 13:52 14:03	NB 68 N161433 16 Central Valley	NB 44 N171440 17 S.Fern'do Valley	NB 65 N141419 14 L.A Merced Local 14:19 14:30	NB 61 N011435 1 Bay Area Limited 14:35 14:46	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley	NB 52 N181507 18 Central Valley	NB 46 N041446 4 All-Stop Local 14:46 14:57	NB 11 N021505 2 Express 15:05 15:16	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141519 14 L.A Merced Local 15:19 15:30	NB 45 N011535 1 Bay Area Limited 15:35 15:46	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:57
Mile <u>Station</u> 0.0 ANA Anaheim	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep on Sta. Arr	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited	NB 52 N181507 18 Central Valley Limited	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep on Sta. Arr	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43 13:45	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited	NB 52 N181507 18 Central Valley Limited	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44	NB 45 N011535 1 Bay Area Limited 15:35 15:46	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep on Sta. Arr Dep Dep	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 12:55	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43 13:45 13:55	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 14:54	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited	NB 52 N181507 18 Central Valley Limited 15:07 15:17	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 15:54	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:17	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar	Direction → Trainse Train No. → Pattern → Service Type → Dep Don Sta. Arr Dep Dep Dep Dep	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 13:04	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27	NB 27 N041252 4 All-Slop Local 12:52 13:03 13:15 13:17 13:27 13:36	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57	NB 62 N141320 14 L.A Merced Local 13:20 13:43 13:43 13:45 13:55 14:04	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 14:54 15:03	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited	NB 52 N181507 18 Central Valley Limited 15:07 15:17	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 15:54 16:03	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:17	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep On Sta. Arr Dep Dep Dep Dep Dep Dep Dep Dep Dep	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 13:04 13:24	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 13:56	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:43 13:45 13:55 14:04 14:24	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 14:56	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:54 15:03 15:23	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 15:54 16:03 16:23	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep Don Sta. Arr Dep	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 13:04	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Slop Local 12:52 13:03 13:15 13:17 13:27 13:36	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:43 13:43 13:45 13:55 14:04	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 14:56	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:54 15:03 15:23	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 15:54 16:03 16:23	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale	Direction →	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 13:04 13:24	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 13:56	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:43 13:45 13:55 14:04 14:24	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 14:56	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:54 15:03 15:23	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17 15:42	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30 15:51	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 16:03 16:23 16:29	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale	Direction →	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 13:55 13:04 13:24 13:30	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 14:01	NB 64 N161333 16 Central Valley Limited	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43 13:45 14:04 14:24 14:30	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 15:01	NB 68 N161433 16 Central Valley Limited	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 15:03 15:23 15:27	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17 15:42	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30 15:51 16:22	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33 15:47	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 16:03 16:23 16:29	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30 16:51 17:22
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep On Sta. Arr Dep Dep Dep Dep Dep Dep Dep Dep Dep Arr	NB 41 N161233 16 Central Valley Limited	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 12:55 13:04 13:24 13:30 14:05	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 14:01	NB 64 N161333 16 Central Valley Limited 13:33	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43 13:45 14:04 14:24 14:30	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 15:01	NB 68 N161433 16 Central Valley Limited 14:33	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 15:03 15:23 15:27	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17 15:42	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30 15:51 16:22	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33 15:47	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 16:03 16:23 16:29	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30 16:51 17:22
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep Don Sta. Arr Dep Dep Dep Dep Dep Dep Arr Dep Arr	NB 41 N161233 16 Central Valley Limited 12:33 13:30 14:10	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 12:55 13:04 13:24 13:30 14:05	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 13:56 14:01 14:33	NB 64 N161333 16 Central Valley Limited 13:33 14:30 15:10	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:43 13:43 13:45 14:04 14:24 14:30 15:05	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F Merced Local	NB 66 N161403 16 Central Valley Limited 14:03	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 14:56 15:01 15:33	NB 68 N161433 16 Central Valley Limited 14:33	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 14:54 15:03 15:23 16:02 16:41	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F Merced Local	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17 15:42	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30 15:51 16:22 16:27	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33 15:47	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 16:03 16:23 16:29 17:04	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F Merced Local	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30 16:51 17:22 17:27
Mile Station 0.0 ANA Anaheim 15.0 NSF Norwalk 30.3 LAU L.A. Unic 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmdale 174.1 BFD Bakersfie	Direction → Trainse Train No. → Pattern → Service Type → Dep Dep On Sta. Arr Dep	NB 41 N161233 16 Central Valley Limited 12:33 13:30 14:10	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:57 12:59	NB 25 N141220 14 L.A Merced Local 12:20 12:31 12:43 12:45 12:55 13:04 13:24 13:30 14:05	NB 16 N011235 1 Bay Area Limited 12:35 12:46 12:58	NB 17 N151437 15 S.F Merced Local	NB 43 N161303 16 Central Valley Limited	NB 63 N171310 17 S.Fern'do Valley Limited 13:10 13:27 13:29	NB 27 N041252 4 All-Stop Local 12:52 13:03 13:15 13:17 13:27 13:36 13:56 14:01 14:33	NB 64 N161333 16 Central Valley Limited 13:33	NB M6 N171340 17 S.Fern'do Valley Limited 13:40 13:57 13:59	NB 62 N141320 14 L.A Merced Local 13:20 13:31 13:43 13:45 13:55 14:04 14:24 14:30 15:05	NB 24 N011335 1 Bay Area Limited 13:35 13:46 13:58	NB 25 N151537 15 S.F	NB 66 N161403 16 Central Valley Limited 14:03	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:27 14:29	NB 42 N041352 4 All-Stop Local 13:52 14:03 14:15 14:17 14:27 14:36 14:56 15:01	NB 68 N161433 16 Central Valley Limited 14:33	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:57 14:59	NB 65 N141419 14 L.A Merced Local 14:19 14:30 14:42 14:44 14:54 15:03 15:23 15:27 16:02 16:41 16:45	NB 61 N011435 1 Bay Area Limited 14:35 14:46 14:58	NB 62 N151637 15 S.F	NB 50 N191503 19 S.Fern'do Valley Limited 15:03 15:17	NB 52 N181507 18 Central Valley Limited 15:07 15:17 15:42	NB 46 N041446 4 All-Stop Local 14:46 14:57 15:09 15:11 15:30 15:51 16:22 16:27	NB 11 N021505 2 Express 15:05 15:16 15:28	NB 71 N201533 20 Central Valley Limited 15:33 15:47	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:45 15:54	NB 69 N141519 14 L.A Merced Local 15:19 15:30 15:42 15:44 16:03 16:23 16:29 17:04	NB 45 N011535 1 Bay Area Limited 15:35 15:46 15:58	NB 65 N151737 15 S.F	NB 73 N191603 19 S.Fern'do Valley Limited 16:03 16:17	NB 74 N181607 18 Central Valley Limited 16:07 16:17 16:42	NB 51 N041546 4 All-Stop Local 15:46 15:57 16:09 16:11 16:30 16:51 17:22 17:27

16:09 16:13 **16:24** 16:34 16:57 16:54 17:04

16:24 16:30 **16:41** 16:51 17:14 17:11 17:21

16:39 16:44 **16:55** 17:05 17:28 17:25 17:35

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17:26 17:54 17:51 17:56

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17:00 17:11 17:21

17:09 17:13 17:23 17:36 17:51

17:24 17:30 17:40 17:53 18:08 **17:50** 18:12 18:23

17:39 17:44 17:54 -- 18:22 -- 18:26 18:36

18:00 18:11 18:15 18:27 18:48 **18:19** 18:51 18:57

-- 17:55 -- 18:11 18:32 -- 18:37

428.8 SJC San Jose

462.2 SFO Millbrae

450.5 RWC Redwood City

476.9 SFT S.F.-Transbay

Dep 14:54 15:04

Dep 15:11 15:21

15:35

15:56

Arr 15:25

Arr 15:35

Arr 15:51

Turns for →

15:09 15:13 15:24 15:34 15:57 15:54 16:04

<u>15:24</u> 15:30 <u>15:41</u> 15:51 16:14 16:11 16:21

15:39 15:44 15:55 16:05 16:28 16:25 16:35

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16:26 16:54 16:51 16:56

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16:00 16:11 16:21

18:09 18:13 18:23 18:36 18:51

18:24 18:30 **18:40** 18:53 19:08

19:11 19:32

19:15 19:27 19:48

18:39 18:44 18:54

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19:00 19:11

18:06

CALIFORNIA HIGH-SPEED RAII

399.2 GLY Gilroy

428.8 SJC San Jose

462.2 SFO Millbrae

450.5 RWC Redwood City

476.9 SFT S.F.-Transbay

CALIFORNIA HIGH-																																	
PHASE 1 TIM	ETABLE																																
BASE SERVICE PL	AN Turns from	\rightarrow																															
APPENDIX A1		Reg	Peak O/T	Peak O/T	Reg	Reg	Reg	Peak O/T	Peak O/T	Peak O/T	Reg	Peak O/T	Peak O/T	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Night	Reg	Reg	Req	Night	Reg	Reg	Night
ALL ENDIX AT	Direction		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
	Trains		M4	17	16	21	43	63	64	27	24	M6	25	66	16	47	42	68	44	61	62	50	66	11	52	46	71	73	74	51	3	20	55
	Train No.	→ S021629	S211633	S201637	S151647	S141802	S011700	S191704	S181708	S041714	S021729	S211733	S201737	S151747	S141902	S011800	S171803	S161808	S041814	S171833	S161838	S151847	S142002	S011900	S171910	S041914	S161935	S151947	S012000	S042014	S152047	S012100	S042114
	Pattern	→ 2	21	20	15	14	1	19	18	4	2	21	20	15	14	1	17	16	4	17	16	15	14	1	17	4	16	15	1	4	15	1	4
Southbound			S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do	Central			S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do	Central		S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do		Central	S.F	Bay		S.F	Bay	
	Service Type	→	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop		Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	All-Stop	Valley	Merced	Area	All-Stop	Merced	Area	All-Stop
		Express	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Express	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Local	Limited	Local	Limited	Local	Local	Limited	Local
Mile Station	-	40.00	40.00	40.00	40.45		4= 00	47.04	4= 00	4- 44	4= 00	47.00	4= 0=	4= 4=		10.00	40.00	40.00	40.44	40.00	40.00	40.45		10.00	10.10	10.11	40.05	40.47			00.45	04.00	01.11
0.0 SFT S.F		p 16:29	16:33				17:00		17:08			17:33		17:47		18:00			18:14	18:33	18:38	18:47		19:00		19:14			20:00	20:14	20:47		21:14
14.7 SFO Millbr 26.4 RWC Redw		ep		16:53 17:03			17:20	17:24	17:24 17:34	17:30 17:40			17:53 18:03	18:03 18:13		18:20	18:23		18:30 18:40	18:53	18:54 19:04	19:03 19:13		19:20	19:30	19:30 19:40	19:51 20:01		20:20	20:30	21:03 21:13	21:20	21:30 21:40
48.0 SJC San J		ep 17:00					17:36		17:50			18:05	18:19	18:29		18:36			18:56	19:09	19:20	19:13		19:36		19:56			20:36	20:56		21:36	
77.7 GLY Gilroy		-	17.00	17.10	17.20		17.00	17.40	17.00	18:11	10.00	10.00	10.10	10.23		10.00	10.00	10.00	10.00	10.00	10.20	10.20		10.00	10.40	10.00	20.17	20.23	20.00	20.00	21.20	21.00	21.00
02. 00,	-	ep	17:21		17:46		17:53	17:57	18:07	18:16		18:21		18:46		18:53	18:56	19:07	19:13	19:26	19:37	19:46		19:53	20:03	20:13	20:34	20:46	20:53	21:13	21:46	21:53	22:13
187.5 MCD Merce	ed A	rr	1		18:21		ı	ı	1	1		1		19:21		1	1	1	1	1	1	20:21		ı		1	1	21:21	1	- 1	22:21	1	1
	De	ер				18:02			*	*					19:02			*	*		*		20:02			*	•			*			+
191.5 FNO Fresh	no A	rr		*					18:48				*																				
		ер		18:14		18:25			18:52	19:03			19:14		19:25			19:50	19:56		20:20		20:25			20:56	21:17			21:56			22:56
302.8 BFD Bake			40.55	40 = 1		19:04						40.55	40 = 1		20:04			00.55	20:35		04.55		21:04			04	04			00			00.00
207 4 DMD Dalas	De		18:38	18:54		19:10						19:38	19:54		20:10		\rightarrow	20:30	20:39	•	21:00		21:10		\rightarrow	21:36	21:57			22:36			23:36
387.4 PMD Palm			10.11			10.11		10:40	10.50	20.15		20.11			20.44		20.20		24.42	21.00			24.44		21.46	22.00				22.00			0.00
425.7 SYL Sylma		ep ep	19:11 19:33	19:44		19:44 20:06		19:40 20:02	19:59	20:15 20:36		20:11	20:44		20:44		20:39		21:13 21:35	21:09			21:44		21:46 22:08	22:09 22:31				23:09 23:31			0:09 0:31
436.3 BUR Burba		rr p	19.55	13.44		20.00		20.02		20.30		20.55	20.44		21.00		21.01		21.00	21.31			22.00		22.00	22.31				23.31			0.51
100.0 Bort Barbo		ep	19:42			20:15	+		20:25	20:45	+	20:42			21:15	+	21:10	+	21:44	21:40	+		22:15	+	22:17	22:40	+		+	23:40		\	0:40
446.6 LAU L.A. U				40 ==		20.22	20.00	20.45	20:34		20:18	00.54	20.E7		04.00		04.40		04.50	04.40	~4 ==			22.00	22:26	22:48	22:54		23:00	23:48		0:00	0:48
770.0 LAU L.A. (Ulliuli Sia. A	rr 19:18	19:51	19:57		20:23	20:00	20:15	20:34	20:54	20.10	20:51	20:57		21:23	21:00	21:19	21:27	21:52	21:49	21:57		22:23	22:00	22.20	22.40	ZZ.J7		23.00	23.40		0.00	
		rr 19:18 ep 19:20	19:51	19:57		20:23	20:02	20:15	20:34	20:54	20:18	20:51	20:57		21:23	21:00 21:02	21:19	21:27	21:52 21:54	21:49	21:57		22:23	22:00	22.20	22:50	22.54		23:02	23:50		0:02	0:50
461.8 NSF Norw	De		19:51	19:57				20:15	20:34			20:51	20:57				21:19	21:27		21:49	21:57				22.20		22.54						
	De valk A	ep 19:20	19:51	19:57		20:25	20:02	20:15	20:34	20:56	20:20	20:51	20:57		21:25	21:02	21:19	21:27	21:54	21:49	21:57		22:25	22:02	22.20	22:50	22.34		23:02	23:50		0:02	0:50
461.8 NSF Norw	valk A neim A	rr 19:32		20:37	19:01	20:25 20:37	20:02 20:14	20:15	21:14	20:56 21:08 21:19	20:20 20:32		21:37	20:01	21:25 21:37	21:02 21:14	21:19	21:27	21:54 22:06	21:49	21:57	21:01	22:25 22:37	22:02 22:14	23:06	22:50 23:02	23:34	22:01	23:02 23:14	23:50 0:02	23:01	0:02 0:14	0:50 1:02
461.8 NSF Norw	valk A neim A	ep 19:20 rr 19:32 rr 19:43 → 20:23			19:01	20:25 20:37 20:48	20:02 20:14 20:25			20:56 21:08 21:19	20:20 20:32 20:43			20:01	21:25 21:37 21:48	21:02 21:14 21:25			21:54 22:06 22:17			21:01	22:25 22:37 22:48	22:02 22:14 22:25		22:50 23:02 23:13		22:01	23:02 23:14 23:25	23:50 0:02 0:13	23:01	0:02 0:14 0:25	0:50 1:02 1:13
461.8 NSF Norw	valk A eim A Available	ep 19:20 rr 19:32 rr 19:43 → 20:23			19:01	20:25 20:37 20:48	20:02 20:14 20:25			20:56 21:08 21:19	20:20 20:32 20:43			20:01	21:25 21:37 21:48	21:02 21:14 21:25			21:54 22:06 22:17			21:01	22:25 22:37 22:48	22:02 22:14 22:25		22:50 23:02 23:13		22:01	23:02 23:14 23:25	23:50 0:02 0:13	23:01	0:02 0:14 0:25	0:50 1:02 1:13
461.8 NSF Norw	valk A eim A Available	ep 19:20 rr 19:32 rr 19:43 → 20:23			19:01	20:25 20:37 20:48	20:02 20:14 20:25			20:56 21:08 21:19	20:20 20:32 20:43			20:01	21:25 21:37 21:48	21:02 21:14 21:25			21:54 22:06 22:17			21:01	22:25 22:37 22:48	22:02 22:14 22:25		22:50 23:02 23:13		22:01	23:02 23:14 23:25	23:50 0:02 0:13	23:01	0:02 0:14 0:25	0:50 1:02 1:13
461.8 NSF Norw	ralk A neim A Available Turns for	pp 19:20 rr 19:32 rr 19:43 → 20:23 →	20:31	20:37		20:25 20:37 20:48 21:28	20:02 20:14 20:25 21:05	20:55	21:14	20:56 21:08 21:19 21:59	20:20 20:32 20:43 21:23	21:31	21:37		21:25 21:37 21:48	21:02 21:14 21:25 22:05	21:59	22:07	21:54 22:06 22:17 22:57	22:29	22:37		22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05	23:06	22:50 23:02 23:13 23:53	23:34		23:02 23:14 23:25 0:05	23:50 0:02 0:13		0:02 0:14 0:25 1:05	0:50 1:02 1:13
461.8 NSF Norw	valk A neim A Available Turns for	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg	20:31 Peak O/T	20:37 Peak O/T	Reg	20:25 20:37 20:48 21:28	20:02 20:14 20:25 21:05	20:55 Peak O/T	21:14 Peak O/T	20:56 21:08 21:19 21:59	20:20 20:32 20:43 21:23	21:31 Peak O/T	21:37 Peak O/T	Reg	21:25 21:37 21:48 22:28	21:02 21:14 21:25 22:05	21:59 Reg	22:07 Reg	21:54 22:06 22:17 22:57	22:29 Reg	22:37 Reg	Reg	22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05	23:06 Reg	22:50 23:02 23:13 23:53	23:34 Reg	Reg	23:02 23:14 23:25 0:05	23:50 0:02 0:13 0:53	Reg	0:02 0:14 0:25 1:05	0:50 1:02 1:13 1:53
461.8 NSF Norw	ralk A neim A Available Turns for	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB	20:31 Peak O/T NB	20:37 Peak O/T NB	Reg NB	20:25 20:37 20:48 21:28	20:02 20:14 20:25 21:05	20:55	21:14	20:56 21:08 21:19 21:59	20:20 20:32 20:43 21:23	21:31	21:37		21:25 21:37 21:48	21:02 21:14 21:25 22:05	21:59	22:07	21:54 22:06 22:17 22:57	22:29 Reg NB	22:37		22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05	23:06	22:50 23:02 23:13 23:53 Night NB	23:34 Reg NB	Reg NB	23:02 23:14 23:25 0:05	23:50 0:02 0:13		0:02 0:14 0:25 1:05	0:50 1:02 1:13
461.8 NSF Norw	valk A neim A Available Turns for Turns from Direction	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB set 12	20:31 Peak O/T	20:37 Peak O/T	Reg	20:25 20:37 20:48 21:28	20:02 20:14 20:25 21:05	20:55 Peak O/T NB	21:14 Peak O/T NB	20:56 21:08 21:19 21:59	20:20 20:32 20:43 21:23 Reg NB	21:31 Peak O/T	21:37 Peak O/T NB	Reg NB	21:25 21:37 21:48 22:28	21:02 21:14 21:25 22:05	21:59 Reg	22:07 Reg NB	21:54 22:06 22:17 22:57	22:29 Reg	22:37 Reg	Reg NB	22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05	23:06 Reg NB	22:50 23:02 23:13 23:53	23:34 Reg	Reg	23:02 23:14 23:25 0:05	23:50 0:02 0:13 0:53	Reg NB	0:02 0:14 0:25 1:05	0:50 1:02 1:13 1:53 Night NB
461.8 NSF Norw	valk A neim A Available Turns for Turns from Direction Trains	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg → NB seet 12 N021605	20:31 Peak O/T NB 75	20:37 Peak O/T NB 53	Reg NB 72	20:25 20:37 20:48 21:28 Reg NB 49	20:02 20:14 20:25 21:05 Reg NB 69 N151837	20:55 Peak O/T NB 3	21:14 Peak O/T NB 20	20:56 21:08 21:19 21:59 Peak O/T NB 55	20:20 20:32 20:43 21:23 Reg NB 6	21:31 Peak O/T NB 7	21:37 Peak O/T NB 56	Reg NB 2	21:25 21:37 21:48 22:28	21:02 21:14 21:25 22:05 Reg NB 72	21:59 Reg NB 4	22:07 Reg NB 14	21:54 22:06 22:17 22:57 Reg NB M1	22:29 Reg NB 15	22:37 Reg NB 1	Reg NB 10	22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05 Reg NB 2 N152037	23:06 Reg NB 19	22:50 23:02 23:13 23:53 Night NB M2	23:34 Reg NB 23	Reg NB 18	23:02 23:14 23:25 0:05	23:50 0:02 0:13 0:53 Night NB 5	Reg NB M3	0:02 0:14 0:25 1:05	0:50 1:02 1:13 1:53 Night NB 13
461.8 NSF Norw	valk A neim A Available Turns for Turns from Direction Trains Train No.	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg → NB seet 12 N021605	20:31 Peak O/T NB 75 N201633	20:37 Peak O/T NB 53 N211635	Reg NB 72 N141619	20:25 20:37 20:48 21:28 Reg NB 49	20:02 20:14 20:25 21:05 Reg NB 69 N151837	20:55 Peak O/T NB 3 N191703	21:14 Peak O/T NB 20 N101642 10	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646	20:20 20:32 20:43 21:23 Reg NB 6 N021705	21:31 Peak O/T NB 7 N201733	21:37 Peak O/T NB 56 N211735	Reg NB 2 N141720	21:25 21:37 21:48 22:28	21:02 21:14 21:25 22:05 Reg NB 72 N151937	21:59 Reg NB 4 N161803	22:07 Reg NB 14 N171810	21:54 22:06 22:17 22:57 Reg NB M1 N041752	22:29 Reg NB 15 N161833 16	22:37 Reg NB 1 N171840	Reg NB 10 N141820	22:25 22:37 22:48 23:28	22:02 22:14 22:25 23:05 Reg NB 2 N152037	23:06 Reg NB 19 N161913	22:50 23:02 23:13 23:53 Night NB M2 N041852	23:34 Reg NB 23 N171940	Reg NB 18 N141920	23:02 23:14 23:25 0:05	23:50 0:02 0:13 0:53 Night NB 5 N041952	Reg NB M3 N142020	0:02 0:14 0:25 1:05	0:50 1:02 1:13 1:53 Night NB 13 N042052
461.8 NSF Norw 476.9 ANA Anah	valk A neim A Available Turns for Turns from Direction Trains Train No.	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB 12 N021605 → 2	20:31 Peak O/T NB 75 N201633 20	20:37 Peak O/T NB 53 N211635 21	Reg NB 72 N141619	20:25 20:37 20:48 21:28 Reg NB 49 N011635	20:02 20:14 20:25 21:05 Reg NB 69 N151837	20:55 Peak O/T NB 3 N191703	21:14 Peak O/T NB 20 N101642 10	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646	20:20 20:32 20:43 21:23 Reg NB 6 N021705	21:31 Peak O/T NB 7 N201733	21:37 Peak O/T NB 56 N211735 21	Reg NB 2 N141720	21:25 21:37 21:48 22:28 Reg NB 54 N011735	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15	21:59 Reg NB 4 N161803	22:07 Reg NB 14 N171810 17	21:54 22:06 22:17 22:57 Reg NB M1 N041752	22:29 Reg NB 15 N161833 16	22:37 Reg NB 1 N171840 17	Reg NB 10 N141820	22:25 22:37 22:48 23:28 Reg NB 57 N011835	22:02 22:14 22:25 23:05 Reg NB 2 N152037	23:06 Reg NB 19 N161913 16	22:50 23:02 23:13 23:53 Night NB M2 N041852	23:34 Reg NB 23 N171940 17	Reg NB 18 N141920	23:02 23:14 23:25 0:05 Reg NB 67 N011935	23:50 0:02 0:13 0:53 Night NB 5 N041952	Reg NB M3 N142020	0:02 0:14 0:25 1:05	0:50 1:02 1:13 1:53 Night NB 13 N042052
461.8 NSF Norw 476.9 ANA Anah	valk A leim A Available Turns for Turns from Direction Trains Train No. Pattern	pp 19:20 rr 19:32 rr 19:43 → 20:23 → NB rr NB rr 12 N021605 → 2	20:31 Peak O/T NB 75 N201633 20 Central	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley	Reg NB 72 N141619 14 L.A	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F	20:55 Peak O/T NB 3 N191703 19 S.Fern'do	21:14 Peak O/T NB 20 N101642 10 Central	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2	21:31 Peak O/T NB 7 N201733 20 Central	21:37 Peak O/T NB 56 N211735 21 S.Fern'do	Reg NB 2 N141720 14 L.A	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley	Reg NB 14 N171810 17 S.Fern'do	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4	22:29 Reg NB 15 N161833 16 Central Valley	22:37 Reg NB 1 N171840 17 S.Fern'do	Reg NB 10 N141820 14 L.A	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay	22:02 22:14 22:25 23:05 Reg NB 2 N15:2037 15 S.F	23:06 Reg NB 19 N161913 16 Central	22:50 23:02 23:13 23:53 Night NB M2 N041852 4	Reg NB 23 N171940 17 S.Fern'do	Reg NB 18 N141920 14 L.A	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay	23:50 0:02 0:13 0:53 Night NB 5 N041952 4	Reg NB M3 N142020 14 L.A	0:02 0:14 0:25 1:05 Reg NB 70 N012035	0:50 1:02 1:13 1:53 Night NB 13 N042052 4
461.8 NSF Norw 476.9 ANA Anah Northbound	Available Turns from Direction Trains Train No. Pattern Service Type	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB set 12 N021605 → 2 Express	Peak O/T NB 75 N201633 20 Central Valley	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley	Reg NB 72 N141619 14 L.A Merced Local	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley	Peak O/T NB 20 N101642 10 Central Valley Limited	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2	Peak O/T NB 7 N201733 20 Central Valley	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley	Reg NB 2 N141720 14 L.A Merced Local	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley	Reg NB 14 N171810 17 S.Fern'do Valley	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local	22:29 Reg NB 15 N161833 16 Central Valley	22:37 Reg NB 1 N171840 17 S.Fern'do Valley	Reg NB 10 N141820 14 L.A Merced Local	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	23:06 Reg NB 19 N161913 16 Central Valley	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local	23:34 Reg NB 23 N171940 17 S.Fern'do Valley	Reg NB 18 N141920 14 L.A Merced Local	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local	Reg NB M3 N142020 14 L.A Merced Local	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local
461.8 NSF Norw 476.9 ANA Anah Northbound Mile Station	Available Turns from Direction Train Train No. Pattern Service Type	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB set 12 → N021605 → 2 Express pp 16:05	Peak O/T NB 75 N201633 20 Central Valley	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley	Reg NB 72 N141619 14 L.A Merced Local	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley	Peak O/T NB 20 N101642 10 Central Valley Limited	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express	Peak O/T NB 7 N201733 20 Central Valley	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley	Reg NB 2 N141720 14 L.A Merced Local	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley	Reg NB 14 N171810 17 S.Fern'do Valley	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52	22:29 Reg NB 15 N161833 16 Central Valley	22:37 Reg NB 1 N171840 17 S.Fern'do Valley	Reg NB 10 N141820 14 L.A Merced Local	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	23:06 Reg NB 19 N161913 16 Central Valley	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local	23:34 Reg NB 23 N171940 17 S.Fern'do Valley	Reg NB 18 N141920 14 L.A Merced Local	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local	Reg NB M3 N142020 14 L.A Merced Local	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local
461.8 NSF Norw. 476.9 ANA Anah. Northbound Mile Station 0.0 ANA Anah. 15.0 NSF Norw.	Available Turns from Direction Train: Train No. Pattern Service Type	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB set 12 N021605 → 2 Express pp 16:05 pp 16:16	Peak O/T NB 75 N201633 20 Central Valley	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley	Reg NB 72 N141619 14 L.A Merced Local 16:19	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley	21:14 Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16	Peak O/T NB 7 N201733 20 Central Valley	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley	Reg NB 14 N171810 17 S.Fern'do Valley	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03	22:29 Reg NB 15 N161833 16 Central Valley	22:37 Reg NB 1 N171840 17 S.Fern'do Valley	Reg NB 10 N141820 14 L.A Merced Local 18:20	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	23:06 Reg NB 19 N161913 16 Central Valley	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 18:52 19:03	23:34 Reg NB 23 N171940 17 S.Fern'do Valley	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03	Reg NB M3 N142020 14 L.A Merced Local 20:20	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03
461.8 NSF Norw 476.9 ANA Anah Northbound Mile Station 0.0 ANA Anah	Available Turns for Turns from Direction Train Train No. Pattern Service Type Valk Direction Control Contr	pp 19:20 rr 19:32 rr 19:43 → 20:23 → NB set 12 → N021605 → 2 Express pp 16:05 pp 16:16 rr 16:28	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited	Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	Peak O/T NB 7 N201733 20 Central Valley Limited	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	Reg NB 14 N171810 17 S.Fern'do Valley Limited	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15	Reg NB 15 N161833 16 Central Valley Limited	Reg NB 1 N171840 17 S.Fern'do Valley Limited	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 23:53 Night NB M2 N041852 4 All-Stop Local 18:52 19:03 19:15	Reg NB 23 N171940 17 S.Fern'do Valley Limited	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15
461.8 NSF Norw. 476.9 ANA Anah. Northbound Mile Station 0.0 ANA Anah. 15.0 NSF Norw.	Available Turns for Turns from Direction Train Train No. Pattern Service Type valk Devialk Devial Union Sta. A	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB 12 N021605 → 2 Express pp 16:05 pp 16:16 rr 16:28 pp 16:30	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited	Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	Peak O/T NB 7 N201733 20 Central Valley Limited	Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17	22:29 Reg NB 15 N161833 16 Central Valley	22:37 Reg NB 1 N171840 17 S.Fern'do Valley Limited	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 18:52 19:03 19:15 19:17	Reg NB 23 N171940 17 S.Fern'do Valley Limited	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17
Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U	Available Turns for Turns from Direction Trains Train No. Pattern Service Type Divided Div	pp 19:20 rr 19:32 rr 19:43 → 20:23 → Reg NB 12 N021605 → 2 Express pp 16:05 pp 16:16 rr 16:28 pp 16:30	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited	Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	Peak O/T NB 7 N201733 20 Central Valley Limited	Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15	Reg NB 15 N161833 16 Central Valley Limited	Reg NB 1 N171840 17 S.Fern'do Valley Limited	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 18:52 19:03 19:15 19:17	Reg NB 23 N171940 17 S.Fern'do Valley Limited	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15
Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U 40.6 BUR Burba	Available Turns for Turns from Direction Train: Train No. Pattern Service Type Valk Divalk Dival	Page 19:20 19:32 19:33 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44 16:54	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	Peak O/T NB 7 N201733 20 Central Valley Limited	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17	Reg NB 15 N161833 16 Central Valley Limited	22:37 Reg NB 1 N171840 17 S.Fern'do Valley Limited 18:40 18:57	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 18:55	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 18:52 19:03 19:15 19:17	Reg NB 23 N171940 17 S.Fern'do Valley Limited	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27
Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palma	Available Turns from Direction Trains Train No. Pattern Service Type Direction Available Turns from Direction Trains Train No. Pattern Available Direction Available Availa	19:20 19:32 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:54 17:03 17:23	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	Peak O/T NB 7 N201733 20 Central Valley Limited	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36	Reg NB 15 N161833 16 Central Valley Limited	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 19:04	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36	Reg NB 23 N171940 17 S.Fern'do Valley Limited	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55 21:04	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27
Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma	Available Turns from Direction Trains Train No. Pattern Service Type Direction Available Turns from Direction Trains Train No. Pattern Available Availa	Paper 19:20 Paper 19:32 Paper 19:43 Paper	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited 16:33 16:47	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45 16:54 17:26	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:44 16:54 17:03 17:23 17:29	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	21:14 Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30 17:51 18:22	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	21:31 Peak O/T NB 7 N201733 20 Central Valley Limited 17:33 17:47	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54 18:26	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04 18:24 18:30	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36 19:01	Reg NB 15 N161833 16 Central Valley Limited	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 19:55 19:04 19:24 19:30	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36 19:57	23:34 Reg NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:57 19:59	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24 20:30	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36 20:57	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55 21:04 21:24 21:30	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27 21:36 21:57
Morthbound Mile Station 0.0 ANA Anah.	Available Turns from Direction Train No. Pattern Service Type Direction Available Turns from Direction Train No. Pattern Service Type Direction Available Availa	Page 19:20 19:32 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited 16:33 16:47	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45 16:54	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:44 16:54 17:03 17:23 17:29	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	21:14 Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	21:31 Peak O/T NB 7 N201733 20 Central Valley Limited 17:33 17:47	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04 18:24 18:30	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36 19:01	Reg NB 15 N161833 16 Central Valley Limited	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 18:55 19:04	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36 19:57	23:34 Reg NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:57 19:59	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 21:04 21:24	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27 21:36
Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palma	Available Turns for Turns from Direction Trains Train No. Pattern Service Type Valk Direction Available Available Turns from Direction Trains Train No. Pattern Service Type Available Availa	Page 19:20 19:32 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited 16:33 16:47 17:37	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45 16:54 17:26	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44 17:03 17:23 17:29 18:04	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17 17:42	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30 17:51 18:22 18:27	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	21:31 Peak O/T NB 7 N201733 20 Central Valley Limited 17:33 17:47 18:37	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54 18:26	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04 18:24 18:30 19:05	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	21:59 Reg NB 4 N161803 16 Central Valley Limited 18:03	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36 19:01	22:29 Reg NB 15 N161833 16 Central Valley Limited 18:33	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 18:55 19:04 19:24 19:30 20:05	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	23:06 Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36 19:57 20:30	23:34 Reg NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:57 19:59	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24 20:30 21:05	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36 20:57	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55 21:04 21:24 21:30 22:05	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27 21:36 21:57
Morthbound Mile Station 0.0 ANA Anah 15.0 NSF Norw 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palm 174.1 BFD Bakel 285.4 FNO Fresh	Available Turns for Turns from Direction Trains Train No. Pattern Service Type Meim Do Vallk Do Union Sta. A Do ank Do ank Do arsfield A Do no A Do On A	Page 19:20 19:32 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited 16:33 16:47	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45 16:54 17:26	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44 17:03 17:23 17:29 18:04	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17 17:42	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30 17:51 18:22	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	21:31 Peak O/T NB 7 N201733 20 Central Valley Limited 17:33 17:47	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54 18:26	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04 18:24 18:30 19:05	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	Reg NB 4 N161803 16 Central Valley Limited	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36 19:01	22:29 Reg NB 15 N161833 16 Central Valley Limited 18:33	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 19:04 19:24 19:30 20:05	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36 19:57 20:30	23:34 Reg NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:57 19:59	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24 20:30 21:05	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36 20:57	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55 21:04 21:24 21:30 22:05	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27 21:36 21:57
Morthbound Mile Station 0.0 ANA Anah.	Available Turns for Turns from Direction Train Train No. Pattern Service Type Direction Available Available Turns from Direction Train Available Availa	Page 19:20 19:32 19:43	20:31 Peak O/T NB 75 N201633 20 Central Valley Limited 16:33 16:47 17:37	20:37 Peak O/T NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:45 16:54 17:26	Reg NB 72 N141619 14 L.A Merced Local 16:19 16:30 16:42 16:44 17:03 17:23 17:29 18:04	20:25 20:37 20:48 21:28 Reg NB 49 N011635 1 Bay Area Limited 16:35 16:46	20:02 20:14 20:25 21:05 Reg NB 69 N151837 15 S.F Merced	20:55 Peak O/T NB 3 N191703 19 S.Fern'do Valley Limited 17:03 17:17	Peak O/T NB 20 N101642 10 Central Valley Limited 16:42 16:53 17:05 17:07 17:17 17:42	20:56 21:08 21:19 21:59 Peak O/T NB 55 N041646 4 All-Stop Local 16:46 16:57 17:09 17:11 17:30 17:51 18:22 18:27	20:20 20:32 20:43 21:23 Reg NB 6 N021705 2 Express 17:05 17:16 17:28	21:31 Peak O/T NB 7 N201733 20 Central Valley Limited 17:33 17:47 18:37	21:37 Peak O/T NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:45 17:54 18:26	Reg NB 2 N141720 14 L.A Merced Local 17:20 17:31 17:43 17:45 17:55 18:04 18:24 18:30 19:05	21:25 21:37 21:48 22:28 Reg NB 54 N011735 1 Bay Area Limited 17:35 17:46 17:58	21:02 21:14 21:25 22:05 Reg NB 72 N151937 15 S.F	21:59 Reg NB 4 N161803 16 Central Valley Limited 18:03	22:07 Reg NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:27 18:29	21:54 22:06 22:17 22:57 Reg NB M1 N041752 4 All-Stop Local 17:52 18:03 18:15 18:17 18:27 18:36 19:01	22:29 Reg NB 15 N161833 16 Central Valley Limited 18:33	22:37 Reg NB 1 17 S.Fern'do Valley Limited 18:40 18:57 18:59	Reg NB 10 N141820 14 L.A Merced Local 18:20 18:31 18:43 18:45 18:55 19:04 19:24 19:30 20:05	22:25 22:37 22:48 23:28 Reg NB 57 N011835 1 Bay Area Limited 18:35 18:46 18:58	22:02 22:14 22:25 23:05 Reg NB 2 N152037 15 S.F Merced	23:06 Reg NB 19 N161913 16 Central Valley Limited	22:50 23:02 23:13 23:53 Night NB M2 N041852 4 All-Stop Local 19:03 19:15 19:17 19:27 19:36 19:57 20:30	23:34 Reg NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:57 19:59	Reg NB 18 N141920 14 L.A Merced Local 19:20 19:31 19:43 19:45 19:55 20:04 20:24 20:30 21:05	23:02 23:14 23:25 0:05 Reg NB 67 N011935 1 Bay Area Limited 19:35 19:46 19:58	23:50 0:02 0:13 0:53 Night NB 5 N041952 4 All-Stop Local 19:52 20:03 20:15 20:17 20:27 20:36 20:57	Reg NB M3 N142020 14 L.A Merced Local 20:20 20:31 20:43 20:45 20:55 21:04 21:24 21:30 22:05	0:02 0:14 0:25 1:05 Reg NB 70 N012035 1 Bay Area Limited 20:35 20:46 20:58	0:50 1:02 1:13 1:53 Night NB 13 N042052 4 All-Stop Local 20:52 21:03 21:15 21:17 21:27 21:36 21:57

Available → 19:49 20:21 20:27 19:46 20:30 20:41 20:27 19:46 20:30 20:41 20:45 20:57 21:18 20:49 21:21 21:27 20:47 21:30 21:41 21:51 21:56 22:24 22:21 22:26 21:47 22:30 22:41 23:01 23:26 22:47 23:30 0:21 23:47 0:30 1:21

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20:09 20:13 20:24 20:34 20:57 20:54 21:04

20:24 20:30 **20:41** 20:51 21:14 21:11 21:21

20:39 20:44 **20:55** 21:05 21:28 21:25 21:35

20:55 21:05 -- 21:38 21:35

21:00 21:11 **21:21** 21:26 21:54 21:51 21:56

21:09 21:13 21:34 21:54 22:04

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23:09 23:54

23:24 0:11

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19:55 -- 20:11 20:32 -- 20:37

20:00 20:11 20:15 20:27 20:48 **20:19** 20:51 20:57

-- 20:22 -- 20:26 20:36

19:09 19:13 19:23 19:36 19:51

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19:26 19:36

Dep 18:50 19:12 19:23

Arr 19:19 19:51 19:57

Dep

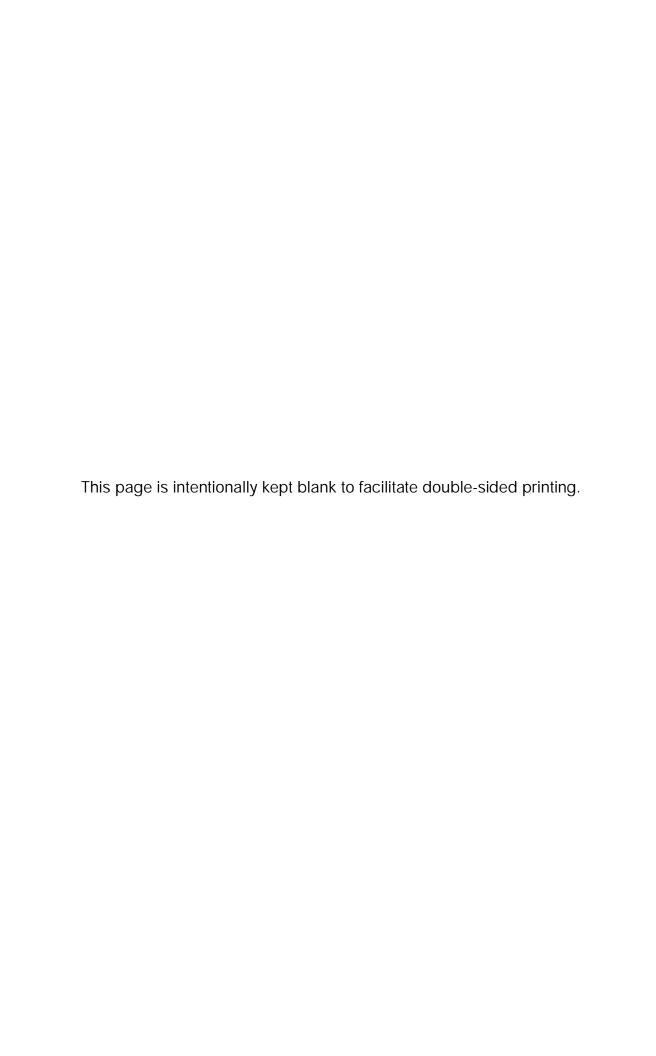
Turns for →

Arr -- 19:26 Arr -- 19:37

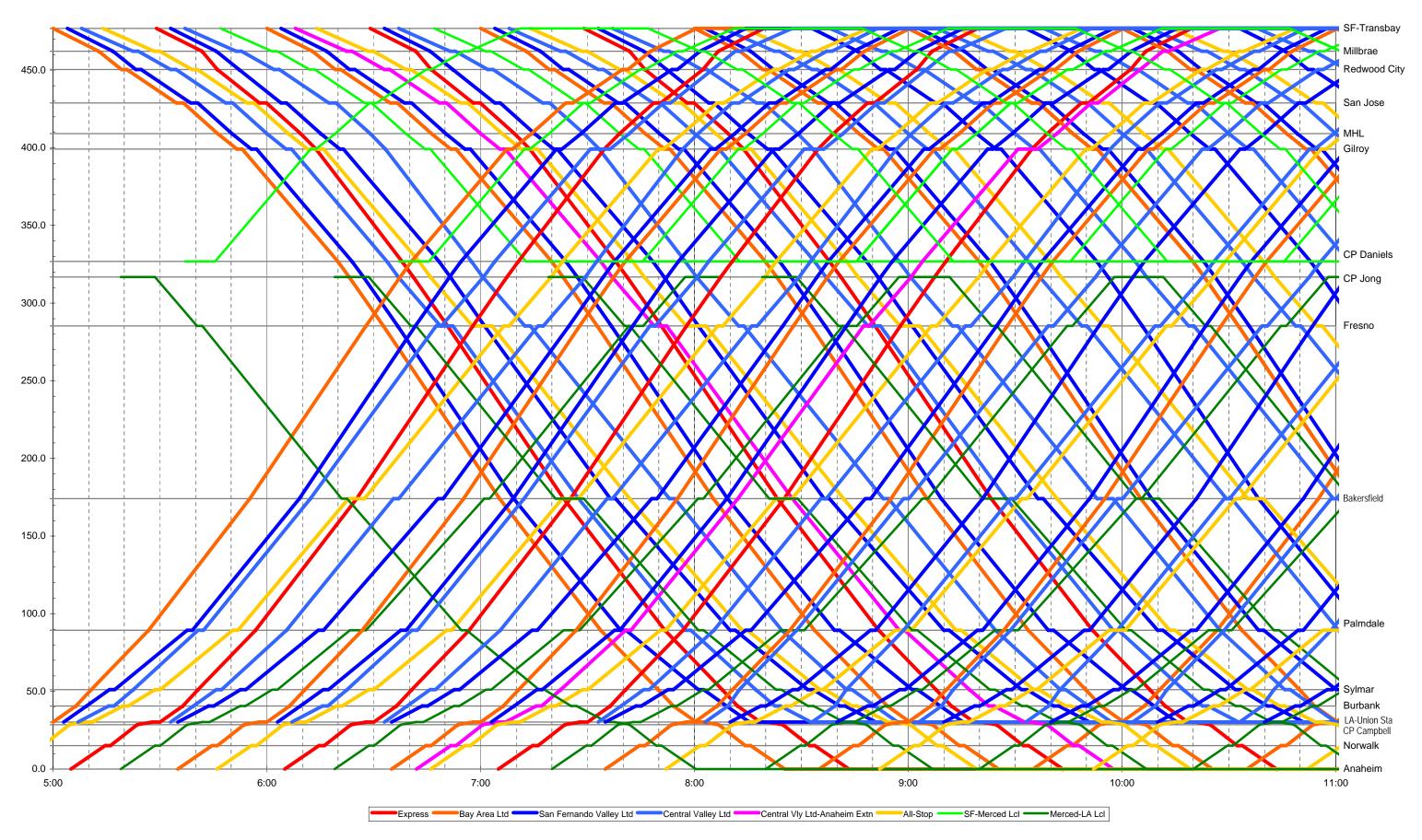
A2. Stringline Diagrams

- Morning Peak Period
- Mid-Day Period
- Afternoon Peak Period
- Evening and Late Night Period



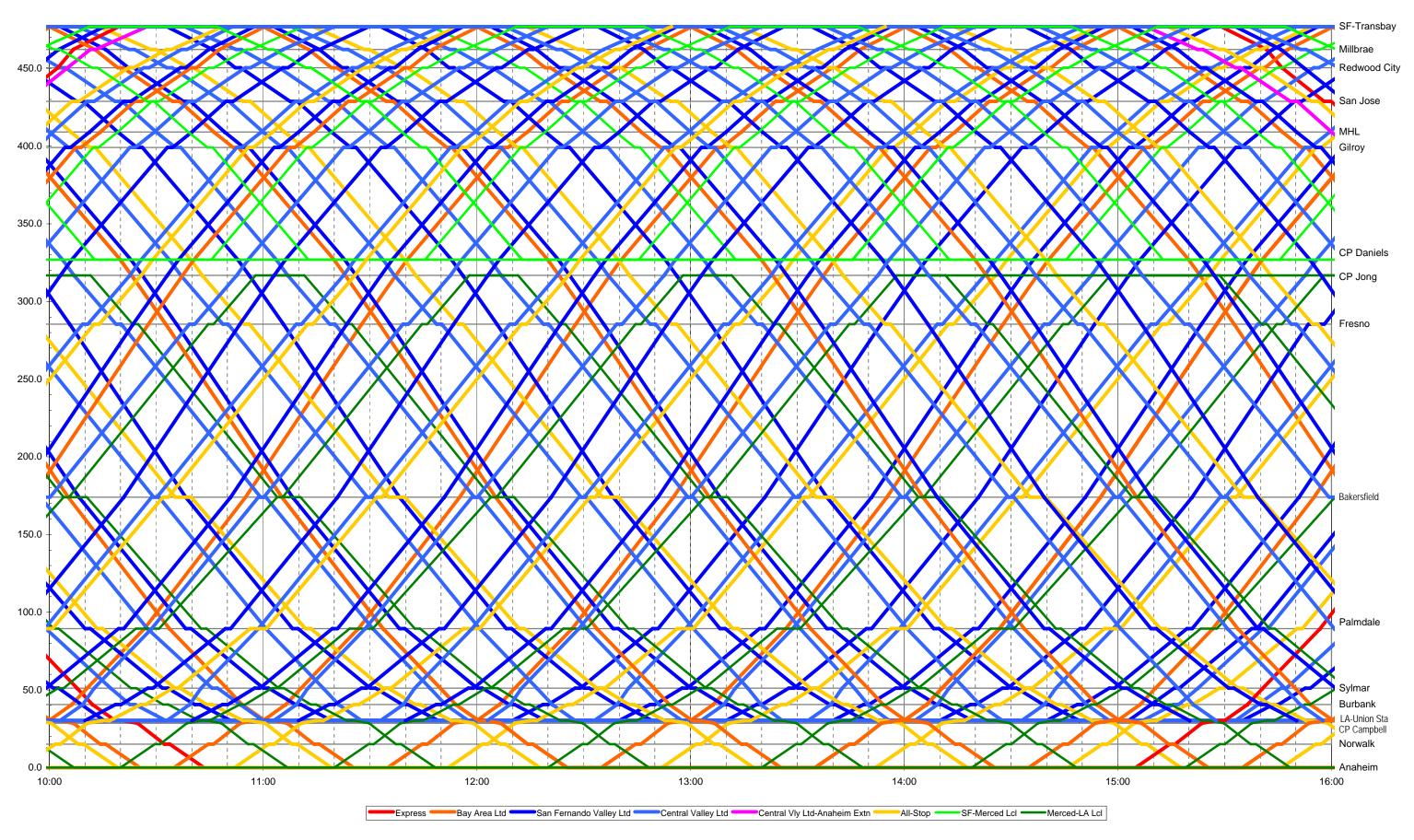


Appendix A2 - HST PHASE 1 SERVICE PLAN - BASE (Version 10) - MORNING PEAK

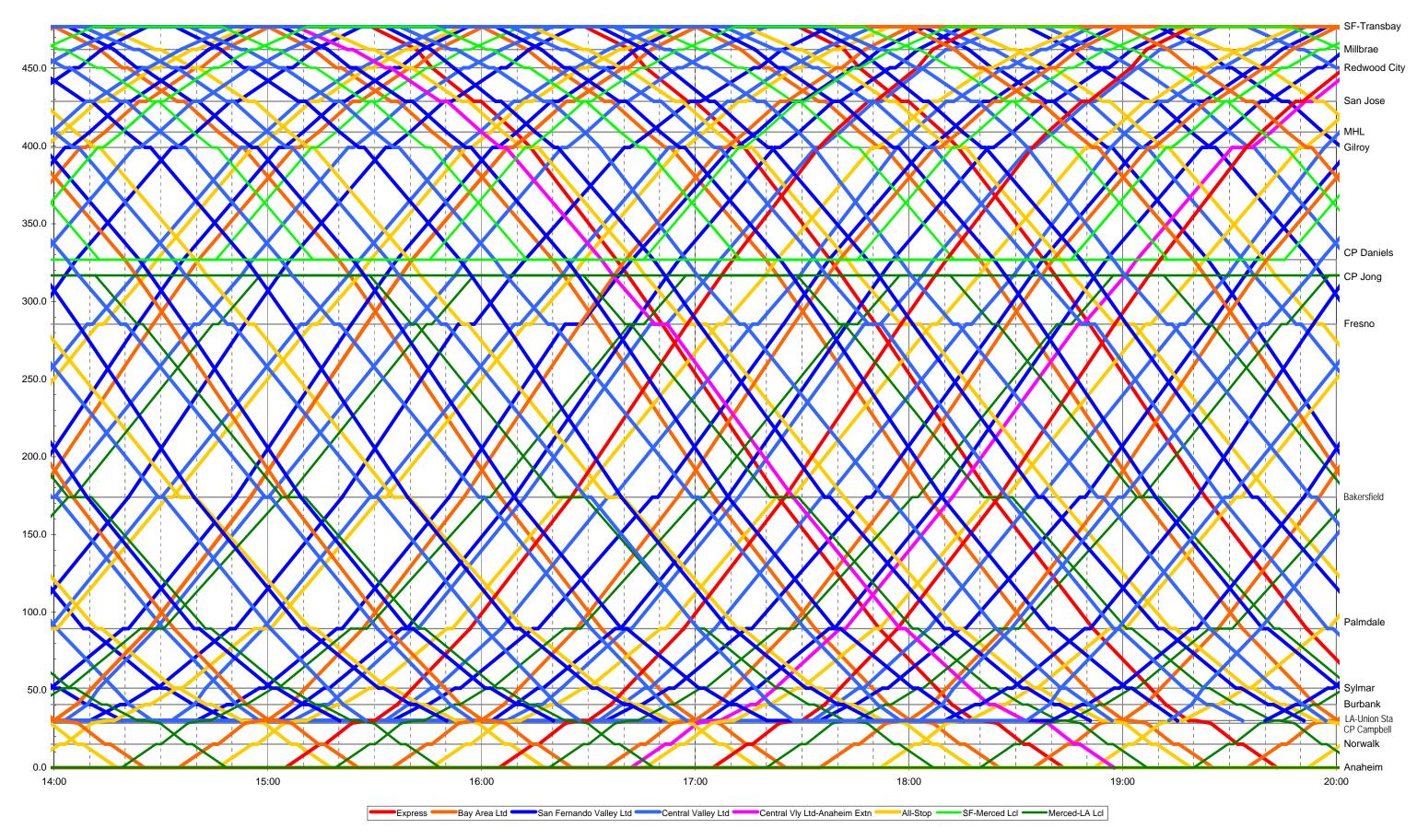


STRINGLINE DIAGRAM

Appendix A2 - HST PHASE 1 SERVICE PLAN - BASE (Version 10) - MID-DAY

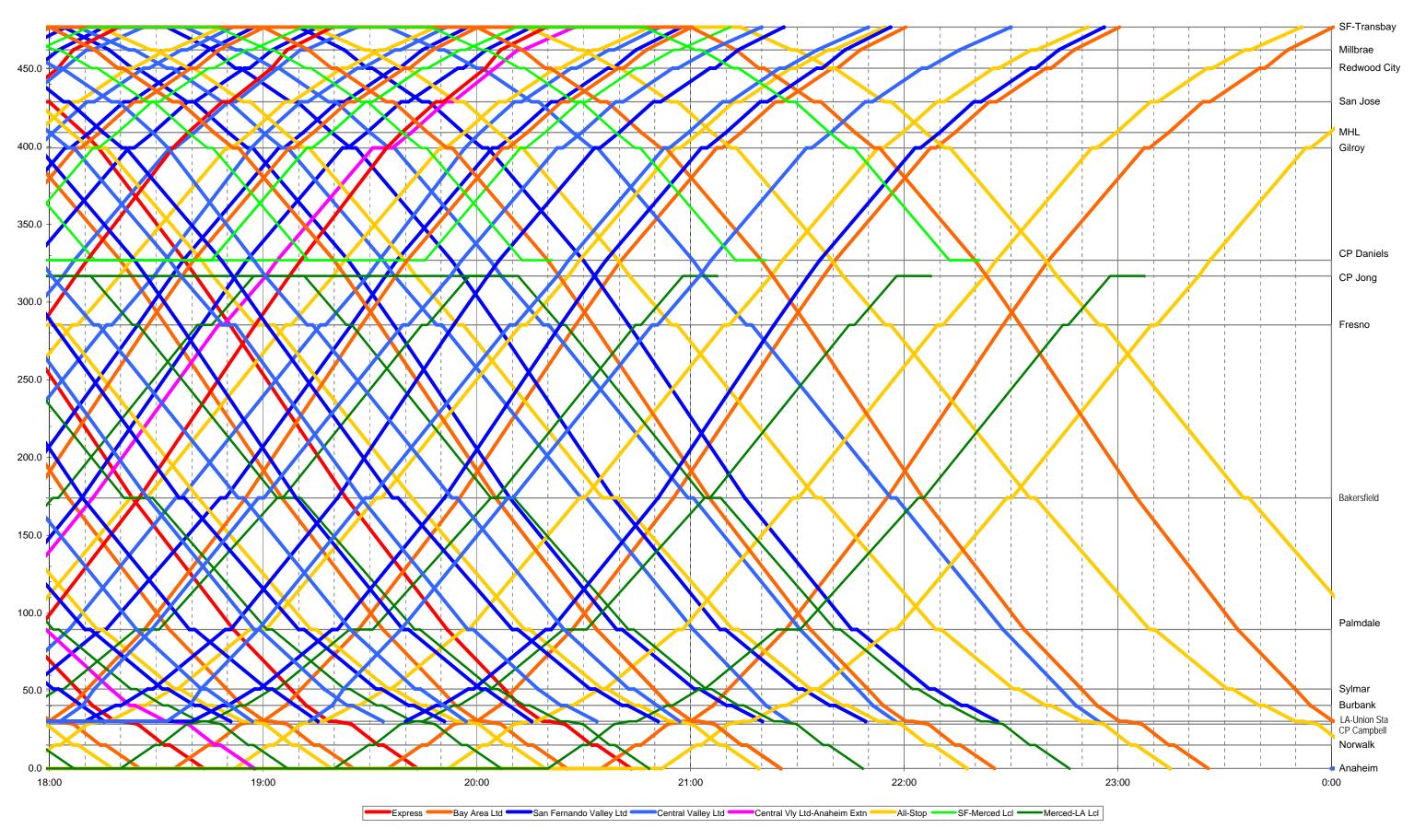


Appendix A2 - HST PHASE 1 SERVICE PLAN - BASE (Version 10) - AFTERNOON PEAK



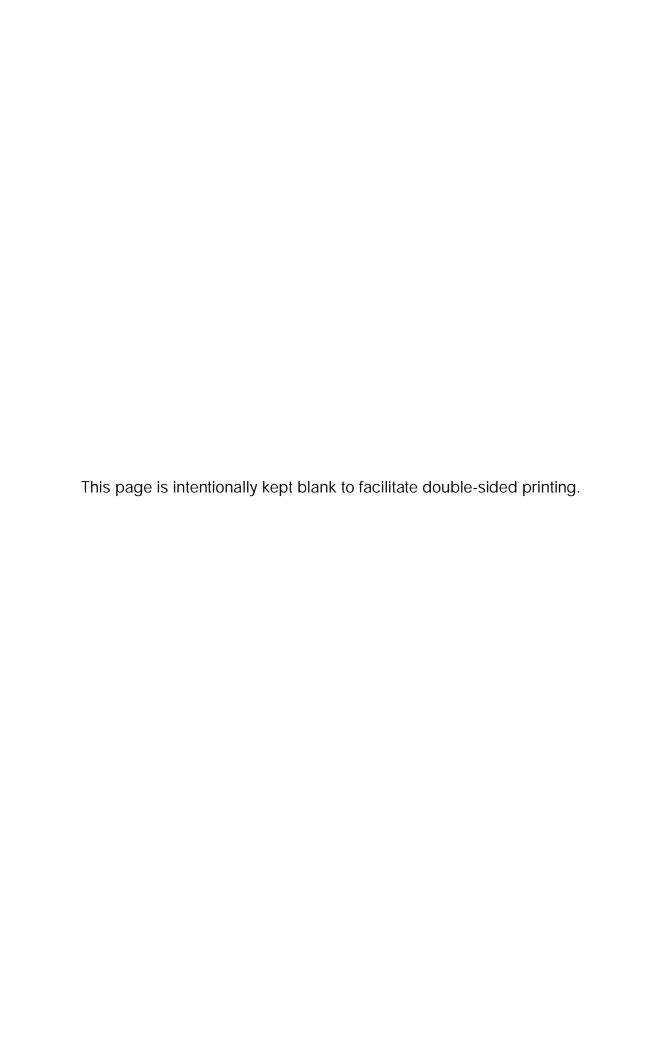
STRINGLINE DIAGRAM

Appendix A2 - HST PHASE 1 SERVICE PLAN - BASE (Version 10) - LATE EVENING



A3. Equipment Cycles





APPE	NDIX A3 E	QUIP	MENT	CYCL	ES PH	ASE 1 BASE	SERVI	CE PLAN (Version 10)															
																	_			_		200m	
ID	OvertkScheme				Consist			Train Type	Orig	OrigTime		DestTime			Avail		Excess		DestDep	Т	TrnMi	SetMi	Wkend Yd
2	Reg	SB	1	X11	400	S010500	1	Bay Area Ltd	SFT	5:00	ANA	8:25	3:25	40	9:05	0:55	15	8:25	9:20		476.9	953.8	476.9
174	Peak O/T	NB	1			N140920	14	LA-Merced	ANA	9:20	MCD	12:08	2:48	30	12:38	0:29	(1)	12:08	12:37		354.3	354.3	354.3
184	Reg	NB	1			N151237	15	SF-Merced	MCD	12:37	SFT	14:11	1:34	40	14:51	0:27	(13)	14:11	14:38	*	161.2	161.2	161.2
83	Reg	SB	1			S161438	16	Central Vly. Ltd	SFT	14:38	LAU	17:57	3:19	40	18:37	0:43	3	17:57	18:40		446.6	446.6	0
248	Reg	NB	1			N171840	17	S.Fernando Vly. Ltd	LAU	18:40	SFT	21:56	3:16	30	22:26			21:56			446.6	446.6	446.6
3	Peak O/T	SB	2			S190504	19	S.Fernando Vly. Ltd	SFT	5:04	LAU	8:15	3:11	40	8:55	0:48	8	8:15	9:03		446.6	446.6	446.6
169	Reg	NB	2			N160903	16	Central Vly. Ltd	LAU	9:03	SFT	12:21	3:18	30	12:51	0:39	9	12:21	13:00		446.6	446.6	0
70	Reg	SB	2	X5	400	S011300	1	Bay Area Ltd	SFT	13:00	ANA	16:25	3:25	40	17:05	0:55	15	16:25	17:20		476.9	953.8	476.9
241	Reg	NB	2		400	N141720	14	LA-Merced	ANA	17:20	MCD	20:07	2:47	30	20:37	0:30	0	20:07	20:37		354.3	708.6	354.3
251	Reg	NB	2			N152037	15	SF-Merced	MCD	20:37	SFT	22:11	1:34	40	22:51			22:11			161.2	161.2	161.2
5	Peak O/T	SB	3			S180508	18	Central Vly. Ltd	SFT	5:08	LAU	8:34	3:26	40	9:14	0:36	(4)	8:34	9:10		446.6	446.6	446.6
170	Reg	NB	3			N170910	17	S.Fernando Vly. Ltd	LAU	9:10	SFT	12:26	3:16	30	12:56	0:37	7	12:26	13:03		446.6	446.6	446.6
71	Peak O/T	SB	3			S171303	17	S.Fernando Vly. Ltd	SFT	13:03	LAU	16:19	3:16	40	16:59	0:44	4	16:19	17:03		446.6	446.6	446.6
235	Peak O/T	NB	3		400	N191703	19	S.Fernando Vly. Ltd	LAU	17:03	SFT	20:15	3:12	30	20:45	0:32	2	20:15	20:47		446.6	893.2	446.6
128	Reg	SB	3			S152047	15	SF-Merced	SFT	20:47	MCD	22:21	1:34	40	23:01			22:21			161.2	161.2	161.2
6	Peak O/T	SB	4			S040514	4	All-Stop	SFT	5:14	ANA	9:19	4:05	40	9:59	0:51	11	9:19	10:10		476.9	476.9	476.9
178	Reg	NB	4			N171010	17	S.Fernando Vly. Ltd	LAU	10:10	SFT	13:26	3:16	30	13:56	0:37	7	13:26	14:03		446.6	446.6	446.6
78	Peak O/T	SB	4			S171403	17	S.Fernando Vly. Ltd	SFT	14:03	LAU	17:19	3:16	40	17:59	0:44	4	17:19	18:03		446.6	446.6	446.6
244	Reg	NB	4			N161803	16	Central Vly. Ltd	LAU	18:03	SFT	21:21	3:18	30	21:51			21:21			446.6	446.6	0
7	Reg	SB	5	SX1	400	S020529	2	Express	SFT	5:29	ANA	8:43	3:14	40	9:23	0:52	12	8:43	9:35		446.6	893.2	0
175	Reg	NB	5	X11	400	N010935	1	Bay Area Ltd	ANA	9:35	SFT	13:00	3:25	30	13:30	0:47	17	13:00	13:47		476.9	953.8	476.9
76	Reg	SB	5			S151347	15	SF-Merced	SFT	13:47	MCD	15:21	1:34	40	16:01	0:58	18	15:21	16:19		161.2	161.2	161.2
87	Peak O/T	SB	5			S141619	14	LA-Merced	MCD	16:19	ANA	19:07	2:48	40	19:47	0:45	5	19:07	19:52		354.3	354.3	354.3
257	Night	NB	5			N041952	4	All-Stop	ANA	19:52	SFT	23:51	3:59	30	0:21			23:51			476.9	476.9	476.9
8	Peak O/T	SB	6			S210533	21	S.Fernando Vly. Ltd	SFT	5:33	LAU	8:51	3:18	40	9:31	0:42	2	8:51	9:33		446.6	446.6	446.6
172	Reg	NB	6			N160933	16	Central Vly. Ltd	LAU	9:33	SFT	12:51	3:18	30	13:21	0:17	(13)	12:51	13:08	*	446.6	446.6	0
72	Reg	SB	6			S161308	16	Central Vly. Ltd	SFT	13:08	LAU	16:27	3:19	40	17:07	0:38	(2)	16:27	17:05		446.6	446.6	0
238	Reg	NB	6	SX6	400	N021705	2	Express	ANA	17:05	SFT	20:19	3:14	30	20:49			20:19			446.6	893.2	0
9	Peak O/T	SB	7			S200537	20	Central Vly. Ltd	SFT	5:37	LAU	8:57	3:20	40	9:37	0:43	3	8:57	9:40		446.6	446.6	446.6
173	Reg	NB	7			N170940	17	S.Fernando Vly. Ltd	LAU	9:40	SFT	12:56	3:16	30	13:26	0:37	7	12:56	13:33		446.6	446.6	446.6
74	Reg	SB	7			S171333	17	S.Fernando Vly. Ltd	SFT	13:33	LAU	16:49	3:16	40	17:29	0:44	4	16:49	17:33		446.6	446.6	446.6
239	Peak O/T	NB	7			N201733	20	Central Vly. Ltd	LAU	17:33	SFT	20:51	3:18	30	21:21			20:51			446.6	446.6	446.6
10	Reg	SB	8			S150547	15	SF-Merced	SFT	5:47	MCD	7:21	1:34	40	8:01	0:58	18	7:21	8:19		161.2	161.2	161.2
22	Peak O/T	SB	8			S140819	14	LA-Merced	MCD	8:19	ANA	11:07	2:48	40	11:47	0:45	5	11:07	11:52		354.3	354.3	354.3
195	Reg	NB	8			N041152	4	All-Stop	ANA	11:52	SFT	15:54	4:02	30	16:24	0:20	(10)	15:54	16:14	*	476.9	476.9	476.9
98	Peak O/T	SB	8		400	S041614	4	All-Stop	SFT	16:14	ANA	20:19	4:05	40	20:59			20:19			476.9	953.8	476.9
11	Reg	SB	9	X12	400	S010600	1	Bay Area Ltd	SFT	6:00	ANA	9:25	3:25	40	10:05	0:55	15	9:25	10:20		476.9	953.8	476.9
182	Reg	NB	9			N141020	14	LA-Merced	ANA	10:20	MCD	13:07	2:47	30	13:37	0:30	0	13:07	13:37		354.3	354.3	354.3
192	Reg	NB	9			N151337	15	SF-Merced	MCD	13:37	SFT	15:11	1:34	40	15:51	0:26	(14)	15:11	15:37	*	161.2	161.2	161.2
92	Peak O/T	SB	9			S201537	20	Central Vly. Ltd	SFT	15:37	LAU	18:57	3:20	40	19:37			18:57			446.6	446.6	446.6
12	Peak O/T	SB	10			S190604	19	S.Fernando Vly. Ltd	SFT	6:04	LAU	9:15	3:11	40	9:55	0:48	8	9:15	10:03		446.6	446.6	446.6
177	Reg	NB	10			N161003	16	Central Vly. Ltd	LAU	10:03	SFT	13:21	3:18	30	13:51	0:39	9	13:21	14:00		446.6	446.6	0
77	Req	SB	10	X11	400	S011400	1	Bay Area Ltd	SFT	14:00	ANA	17:25	3:25	40	18:05	0:55	15	17:25	18:20		476.9	953.8	476.9
249	Reg	NB	10			N141820	14	LA-Merced	ANA	18:20	MCD	21:07	2:47	30	21:37			21:07			354.3	354.3	354.3
14	Peak O/T	SB	11		400	S100608	10	Central Vly. Ltd Ext.	SFT	6:08	ANA	9:59	3:51	40	10:39	5:06	266	9:59	15:05		476.9	953.8	0 YAN
220	Reg	NB	11	SX4	400	N021505	2	Express	ANA	15:05	SFT	18:19	3:14	30	18:49	0:41	11	18:19	19:00		446.6	893.2	0
121	Reg	SB	11	X2	400	S011900	1	Bay Area Ltd	SFT	19:00	ANA	22:25	3:25	40	23:05			22:25			476.9	953.8	476.9
15	Peak O/T	SB	12		400	S040614	4	All-Stop	SFT	6:14	ANA	10:19	4:05	40	10:59	5:46	306	10:19	16:05		476.9	953.8	476.9 YAN
229	Reg	NB	12	SX5	400	N021605	2	Express	ANA	16:05	SFT	19:19	3:14	30	19:49			19:19			446.6	893.2	0
16	Reg	SB	13	SX2	400	S020629	2	Express	SFT	6:29	ANA	9:43	3:14	40	10:23	0:52	12	9:43	10:35		446.6	893.2	0
183	Reg	NB	13	X12	400	N011035	1	Bay Area Ltd	ANA	10:35	SFT	14:00	3:25	30	14:30	0:32	17	14:00	14:47		476.9	953.8	476.9
100	rog	110	10	/\ IZ	100	14011000		Day / Hou Etu	7 11 17 1	10.00	0. 1	1 1.00	0.20	00	1 1.00	U. TI	- 10	1 1.00			17 0.0	000.0	.10.0

APPE	NDIX A3 E	QUIP	MENT	CYCL	ES PH	IASE 1 BASE S	SERVI	CE PLAN (Version 10)															
		σ.	٠.	0 10		- · ·		- · -	.	0 : -	ъ.	D 17'	D T'				_	D 14	D 1D	_	T 14:	200m	14/1 L 1/1
ID	OvertkScheme			Set2	Consist			Train Type	Orig	OrigTime			RunTime		Avail	Layover	Excess		DestDep		TrnMi	SetMi	Wkend Yd
84	Reg	SB	13		400	S151447	15	SF-Merced	SFT	14:47	MCD	16:21	1:34	40	17:01	0:58	18	16:21	17:19		161.2	161.2	161.2
96	Peak O/T	SB	13		400	S141719	14	LA-Merced	MCD	17:19	ANA	20:07	2:48	40	20:47	0:45	5	20:07	20:52		354.3	708.6	354.3
260	Night	NB	13		400	N042052	4	All-Stop	ANA	20:52	SFT	0:51	3:59	30	1:21			0:51			476.9	476.9	476.9
17	Peak O/T	SB	14		400	S210633	21	S.Fernando Vly. Ltd	SFT	6:33	LAU	9:51	3:18	40	10:31	0:42	2	9:51	10:33		446.6	893.2	446.6
180	Reg	NB	14			N161033	16	Central Vly. Ltd	LAU	10:33	SFT	13:51	3:18	30	14:21	0:17	(13)	13:51	14:08	-	446.6	446.6	0
80	Reg	SB	14			S161408	16	Central Vly. Ltd	SFT	14:08	LAU	17:27	3:19	40	18:07	0:43	3	17:27	18:10		446.6	446.6	0
245	Reg	NB	14			N171810	17	S.Fernando Vly. Ltd	LAU	18:10	SFT	21:26	3:16	30	21:56			21:26			446.6	446.6	446.6
18	Peak O/T	SB	15			S200637	20	Central Vly. Ltd	SFT	6:37	LAU	9:57	3:20	40	10:37	0:43	3	9:57	10:40		446.6	446.6	446.6
181	Reg	NB	15			N171040	17	S.Fernando Vly. Ltd	LAU	10:40	SFT	13:56	3:16	30	14:26	0:37	7	13:56	14:33		446.6	446.6	446.6
82	Reg	SB	15			S171433	17	S.Fernando Vly. Ltd	SFT	14:33	LAU	17:49	3:16	40	18:29	0:44	4	17:49	18:33		446.6	446.6	446.6
247	Reg	NB	15			N161833	16	Central Vly. Ltd	LAU	18:33	SFT	21:51	3:18	30	22:21			21:51			446.6	446.6	0
19	Reg	SB	16			S150647	15	SF-Merced	SFT	6:47	MCD	8:21	1:34	40	9:01	0:41	1	8:21	9:02		161.2	161.2	161.2
29	Reg	SB	16			S140902	14	LA-Merced	MCD	9:02	ANA	11:48	2:46	40	12:28	0:47	7	11:48	12:35		354.3	354.3	354.3
199	Reg	NB	16	X14	400	N011235	11	Bay Area Ltd	ANA	12:35	SFT	16:00	3:25	30	16:30	0:47	17	16:00	16:47		476.9	953.8	476.9
102	Reg	SB	16			S151647	15	SF-Merced	SFT	16:47	MCD	18:21	1:34	40	19:01	0:41	1	18:21	19:02		161.2	161.2	161.2
112	Reg	SB	16			S141902	14	LA-Merced	MCD	19:02	ANA	21:48	2:46	40	22:28			21:48			354.3	354.3	354.3
20	Reg	SB	17	X13	400	S010700	1	Bay Area Ltd	SFT	7:00	ANA	10:25	3:25	40	11:05	0:55	15	10:25	11:20		476.9	953.8	476.9
190	Reg	NB	17			N141120	14	LA-Merced	ANA	11:20	MCD	14:07	2:47	30	14:37	0:30	0	14:07	14:37		354.3	354.3	354.3
200	Reg	NB	17			N151437	15	SF-Merced	MCD	14:37	SFT	16:11	1:34	40	16:51	0:26	(14)	16:11	16:37	*	161.2	161.2	161.2
101	Peak O/T	SB	17		400	S201637	20	Central Vly. Ltd	SFT	16:37	LAU	19:57	3:20	40	20:37			19:57			446.6	446.6	446.6
21	Peak O/T	SB	18		400	S190704	19	S.Fernando Vly. Ltd	SFT	7:04	LAU	10:15	3:11	40	10:55	0:48	8	10:15	11:03		446.6	893.2	446.6
185	Reg	NB	18	1//0	400	N161103	16	Central Vly. Ltd	LAU	11:03	SFT	14:21	3:18	30	14:51	0:39	9	14:21	15:00		446.6	446.6	0
85	Reg	SB	18	X12	400	S011500	1	Bay Area Ltd	SFT	15:00	ANA	18:25	3:25	40	19:05	0:55	15	18:25	19:20		476.9	953.8	476.9
255	Reg	NB	18			N141920	14	LA-Merced	ANA	19:20	MCD	22:07	2:47	30	22:37			22:07			354.3	354.3	354.3
23	Peak O/T	SB	19			S180708	18	Central Vly. Ltd	SFT	7:08	LAU	10:34	3:26	40	11:14	0:36	(4)	10:34	11:10		446.6	446.6	446.6
186	Reg	NB	19			N171110	17	S.Fernando Vly. Ltd	LAU	11:10	SFT	14:26	3:16	30	14:56	0:38	8	14:26	15:04		446.6	446.6	446.6
86	Peak O/T	SB	19			S191504	19	S.Fernando Vly. Ltd	SFT	15:04	LAU	18:15	3:11	40	18:55	0:58	18	18:15	19:13		446.6	446.6	446.6
252	Reg	NB	19		400	N161913	16	Central Vly. Ltd	LAU	19:13	SFT	22:31	3:18	30	23:01			22:31	40:40		446.6	446.6	0
24	Peak O/T	SB	20		400	S040714	4	All-Stop	SFT	7:14	ANA	11:19	4:05	40	11:59	5:23	283	11:19	16:42		476.9	953.8	476.9 YAN
236	Peak O/T	NB	20	VA	400	N101642	10	Central Vly. Ltd Ext.	ANA	16:42	SFT	20:27	3:45	30	20:57	0:33	3	20:27	21:00		476.9	953.8	0
129	Reg	SB	20	X4	400	S012100	1	Bay Area Ltd	SFT	21:00	ANA	0:25	3:25	40	1:05	0.50		0:25	44:05		476.9	953.8	476.9
25	Reg	SB NB	21	SX3	400	S020729	2	Express	SFT	7:29	SFT	10:43	3:14	40	11:23	0:52	12	10:43	11:35		446.6	893.2	0
191	Reg	SB	21	X13	400	N011135	11	Bay Area Ltd		11:35		15:00	3:25	30	15:30	0:47	17	15:00	15:47		476.9	953.8	476.9
93	Reg	SB	21			S151547 S141802	15 14	SF-Merced LA-Merced	SFT	15:47	MCD	17:21 20:48	1:34 2:46	40	18:01	0:41	1	17:21 20:48	18:02		161.2 354.3	161.2 354.3	161.2 354.3
	Reg									18:02	ANA				21:28								
26	Peak O/T	SB	22			S210733	21	S.Fernando Vly. Ltd	SFT	7:33	LAU	10:51	3:18	40	11:31	0:42	2	10:51	11:33		446.6	446.6	446.6
188	Reg	NB SB	22		400	N161133	16	Central VIy. Ltd	LAU	11:33	SFT	14:51	3:18	30 40	15:21	0:17	(13)	14:51	15:08		446.6	446.6	0
88	Peak O/T		22		400	S101508	10	Central VIy. Ltd Ext.	SFT	15:08	ANA	18:59	3:51		19:39	0:40		18:59			476.9	953.8	-
27	Peak O/T	SB	23			S200737	20	Central Vly. Ltd	SFT	7:37	LAU	10:57	3:20	40	11:37	0:43	3	10:57	11:40		446.6	446.6	446.6
189	Reg	NB SB	23			N171140	17	S.Fernando Vly. Ltd	LAU	11:40	SFT	14:56	3:16	30	15:26	0:37	7	14:56	15:33		446.6	446.6	446.6
91	Peak O/T		23			S211533	21	S.Fernando Vly. Ltd	SFT	15:33	LAU	18:51	3:18	40	19:31	0:49	9	18:51	19:40		446.6	446.6	446.6
254	Reg	NB	23			N171940	17	S.Fernando Vly. Ltd	LAU	19:40	SFT	22:56	3:16	30	23:26	0:44		22:56	40:00		446.6	446.6	446.6
28 37	Reg	SB	24			S150747	15	SF-Merced	SFT MCD	7:47	MCD	9:21 12:48	1:34 2:46	40 40	10:01 13:28	0:41	7	9:21 12:48	10:02 13:35		161.2	161.2 354.3	161.2 354.3
	Reg	SB		VA	400	S141002	14	LA-Merced		10:02											354.3		
207	Reg	NB	24	X1	400	N011335	1	Bay Area Ltd	ANA	13:35 17:29	SFT	17:00 20:43	3:25	30	17:30 21:23	0:29	(1)	17:00	17:29		476.9	953.8 893.2	476.9
108	Reg	SB		SX6	400	S021729	2	Express	SFT				3:14	40			 4 <i>E</i>	20:43	42.20		446.6		0
30	Reg	SB	25	X14	400	S010800	1	Bay Area Ltd	SFT	8:00	ANA	11:25	3:25	40	12:05	0:55	15	11:25	12:20		476.9	953.8	476.9
198	Reg	NB	25			N141220	14	LA-Merced	ANA	12:20	MCD	15:07	2:47	30	15:37	0:30	(1.4)	15:07	15:37	*	354.3	354.3	354.3
208 110	Reg Peak O/T	NB SB	25 25			N151537 S201737	15 20	SF-Merced Central Vly. Ltd	MCD SFT	15:37 17:37	SFT	17:11 20:57	1:34 3:20	40	17:51 21:37	0:26	(14)	17:11 20:57	17:37		161.2 446.6	161.2 446.6	161.2 446.6
32		SB	26			S160808			SFT	8:08	LAU	11:27	3:20	40	12:07	0:43	3	11:27	12:10		446.6	446.6	0
32	Reg	SD	20			3100000	16	Central Vly. Ltd	311	0.08	LAU	11.27	3.19	40	12:07	0.43	3	11.27	12.10		440.0	440.0	U

APPEN	NDIX A3 E	QUIP	MENT	CYCL	ES PH	IASE 1 BASE S	SERVI	CE PLAN (Version 10)															
		σ.							٥.	0.1.71		D 171	D T				_			_		200m	
ID	OvertkScheme	Dir		Set2	Consist			Train Type		OrigTime			RunTime		Avail	Layover	Excess		DestDep	ı	TrnMi	SetMi	Wkend Yd
194	Reg	NB	26			N171210	17	S.Fernando Vly. Ltd	LAU	12:10	SFT	15:26	3:16	30	15:56	0:38	8	15:26	16:04		446.6	446.6	446.6
95	Peak O/T	SB	26			S191604	19	S.Fernando Vly. Ltd	SFT	16:04	LAU	19:15	3:11	40	19:55			19:15			446.6	446.6	446.6
33	Reg	SB	27		400	S040814	4	All-Stop	SFT	8:14	ANA	12:17	4:03	40	12:57	0:35	(5)	12:17	12:52		476.9	953.8	476.9
203	Reg	NB	27			N041252	4	All-Stop	ANA	12:52	SFT	16:54	4:02	30	17:24	0:20	(10)	16:54	17:14	*	476.9	476.9	476.9
107	Peak O/T	SB	27		400	S041714	4	All-Stop	SFT	17:14	ANA	21:19	4:05	40	21:59			21:19			476.9	953.8	476.9
132	Reg	NB	41	X1	400	N010435	1	Bay Area Ltd	ANA	4:35	SFT	8:00	3:25	30	8:30	0:33	3	8:00	8:33		476.9	953.8	476.9
34	Reg	SB	41			S170833	17	S.Fernando Vly. Ltd	SFT	8:33	LAU	11:49	3:16	40	12:29	0:44	4	11:49	12:33		446.6	446.6	446.6
196	Reg	NB	41			N161233	16	Central Vly. Ltd	LAU	12:33	SFT	15:51	3:18	30	16:21	0:17	(13)	15:51	16:08	*	446.6	446.6	0
97	Peak O/T	SB	41			S181608	18	Central Vly. Ltd	SFT	16:08	LAU	19:34	3:26	40	20:14			19:34			446.6	446.6	446.6
136	Peak O/T	NB	42			N040446	4	All-Stop	ANA	4:46	SFT	8:48	4:02	30	9:18	0:26	(4)	8:48	9:14		476.9	476.9	476.9
41	Reg	SB	42			S040914	4	All-Stop	SFT	9:14	ANA	13:17	4:03	40	13:57	0:35	(5)	13:17	13:52		476.9	476.9	476.9
211	Reg	NB	42			N041352	4	All-Stop	ANA	13:52	SFT	17:54	4:02	30	18:24	0:09	(21)	17:54	18:03	*	476.9	476.9	476.9
114	Reg	SB	42			S171803	17	S.Fernando Vly. Ltd	SFT	18:03	LAU	21:19	3:16	40	21:59			21:19			446.6	446.6	446.6
137	Reg	NB	43	SX1	400	N020505	2	Express	ANA	5:05	SFT	8:19	3:14	30	8:49	0:44	14	8:19	9:03		446.6	893.2	0
39	Reg	SB	43			S170903	17	S.Fernando Vly. Ltd	SFT	9:03	LAU	12:19	3:16	40	12:59	0:44	4	12:19	13:03		446.6	446.6	446.6
201	Reg	NB	43			N161303	16	Central Vly. Ltd	LAU	13:03	SFT	16:21	3:18	30	16:51	0:39	9	16:21	17:00		446.6	446.6	0
104	Reg	SB	43	X14	400	S011700	1	Bay Area Ltd	SFT	17:00	ANA	20:25	3:25	40	21:05			20:25			476.9	953.8	476.9
140	Peak O/T	NB	44			N140519	14	LA-Merced	ANA	5:19	MCD	8:07	2:48	30	8:37	0:30	0	8:07	8:37		354.3	354.3	354.3
151	Reg	NB	44			N150837	15	SF-Merced	MCD	8:37	SFT	10:11	1:34	40	10:51	0:27	(13)	10:11	10:38	*	161.2	161.2	161.2
51	Reg	SB	44			S161038	16	Central Vly. Ltd	SFT	10:38	LAU	13:57	3:19	40	14:37	0:43	3	13:57	14:40		446.6	446.6	0
213	Reg	NB	44			N171440	17	S.Fernando Vly. Ltd	LAU	14:40	SFT	17:56	3:16	30	18:26	0:18	(12)	17:56	18:14		446.6	446.6	446.6
116	Reg	SB	44			S041814	4	All-Stop	SFT	18:14	ANA	22:17	4:03	40	22:57			22:17			476.9	476.9	476.9
141	Reg	NB	45	X2	400	N010535	1	Bay Area Ltd	ANA	5:35	SFT	9:00	3:25	30	9:30	0:47	17	9:00	9:47		476.9	953.8	476.9
44	Reg	SB	45			S150947	15	SF-Merced	SFT	9:47	MCD	11:21	1:34	40	12:01	0:41	1	11:21	12:02		161.2	161.2	161.2
53	Reg	SB	45			S141202	14	LA-Merced	MCD	12:02	ANA	14:48	2:46	40	15:28	0:47	7	14:48	15:35		354.3	354.3	354.3
224	Reg	NB	45	Х3	400	N011535	1	Bay Area Ltd	ANA	15:35	SFT	19:00	3:25	30	19:30			19:00			476.9	953.8	476.9
145	Peak O/T	NB	46		400	N040546	4	All-Stop	ANA	5:46	SFT	9:48	4:02	30	10:18	0:26	(4)	9:48	10:14		476.9	953.8	476.9
49	Reg	SB	46			S041014	4	All-Stop	SFT	10:14	ANA	14:17	4:03	40	14:57	0:29	(11)	14:17	14:46	*	476.9	476.9	476.9
219	Peak O/T	NB	46		400	N041446	4	All-Stop	ANA	14:46	SFT	18:48	4:02	30	19:18	0:26	(4)	18:48	19:14		476.9	953.8	476.9
123	Night	SB	46			S041914	4	All-Stop	SFT	19:14	ANA	23:13	3:59	40	23:53			23:13			476.9	476.9	476.9
146	Reg	NB	47	SX2	400	N020605	2	Express	ANA	6:05	SFT	9:19	3:14	30	9:49	0:49	19	9:19	10:08		446.6	893.2	0
48	Req	SB	47	0,12		S161008	16	Central Vly. Ltd	SFT	10:08	LAU	13:27	3:19	40	14:07	0:43	3	13:27	14:10		446.6	446.6	0
210	Reg	NB	47			N171410	17	S.Fernando Vly. Ltd	LAU	14:10	SFT	17:26	3:16	30	17:56	0:34	4	17:26	18:00		446.6	446.6	446.6
113	Reg	SB	47	X1	400	S011800	1	Bay Area Ltd	SFT	18:00	ANA	21:25	3:25	40	22:05			21:25			476.9	953.8	476.9
149	Peak O/T	NB	48		400	N140619	14	LA-Merced	ANA	6:19	MCD	9:07	2:48	30	9:37	0:30	0	9:07	9:37		354.3	708.6	354.3
160	Reg	NB	48		100	N150937	15	SF-Merced	MCD	9:37	SFT	11:11	1:34	40	11:51	0:27	(13)	11:11	11:38	*	161.2	161.2	161.2
59	Reg	SB	48			S161138	16	Central Vly. Ltd	SFT	11:38	LAU	14:57	3:19	40	15:37	0:38	(2)	14:57	15:35		446.6	446.6	0
222	Peak O/T	NB	48			N211535	21	S.Fernando Vly. Ltd	LAU	15:35	SFT	18:57	3:22	30	19:27			18:57			446.6	446.6	446.6
150	Reg	NB	49	Х3	400	N010635	1	Bay Area Ltd	ANA	6:35	SFT	10:00	3:25	30	10:30	0:47	17	10:00	10:47		476.9	953.8	476.9
52	Reg	SB	49	0		S151047	15	SF-Merced	SFT	10:47	MCD	12:21	1:34	40	13:01	0:41	1	12:21	13:02		161.2	161.2	161.2
61	Reg	SB	49			S141302	14	LA-Merced	MCD	13:02	ANA	15:48	2:46	40	16:28	0:47	7	15:48	16:35		354.3	354.3	354.3
233	Reg	NB	49	X4	400	N011635	1	Bay Area Ltd	ANA	16:35	SFT	20:00	3:25	30	20:30			20:00			476.9	953.8	476.9
153	Peak O/T	NB	50	74	400	N100642	10	Central Vly. Ltd Ext.	ANA	6:42	SFT	10:27	3:45	30	10:57	0:36	6	10:27	11:03		476.9	953.8	0
55	Req	SB	50		700	S171103	17	S.Fernando VIv. Ltd	SFT	11:03	LAU	14:19	3:16	40	14:59	0:44	4	14:19	15:03		446.6	446.6	446.6
217	Peak O/T	NB	50			N191503	19	S.Fernando Vly. Ltd	LAU	15:03	SFT	18:15	3:12	30	18:45	0:32	2	18:15	18:47		446.6	446.6	446.6
119	Reg	SB	50			S151847	15	SF-Merced	SFT	18:47	MCD	20:21	1:34	40	21:01			20:21			161.2	161.2	161.2
154	· ·	NB	51		400	N040646	4		ANA	6:46	SFT	10:48		30	11:18	0:26		10:48	11:14		476.9	953.8	476.9
57	Peak O/T	SB	51		400	S041114	4	All-Stop All-Stop	SFT	11:14	ANA	15:17	4:02 4:03	40	15:57	0:26	(4)	15:17	15:46	*	476.9	476.9	476.9
	Reg Peak O/T	NB			400		4		ANA		SFT		4:03	30			(11)				476.9	953.8	476.9
228			51 51		400	N041546		All-Stop	SFT	15:46 20:14		19:48			20:18	0:26	(4)	19:48 0:13	20:14				
127	Night	SB		CV2	400	S042014	2	All-Stop			ANA	0:13	3:59	40	0:53						476.9	476.9	476.9
155	Reg	NB	52	SX3	400	N020705		Express Control VIII. Ltd	ANA	7:05	SFT	10:19	3:14	30	10:49	0:49	19	10:19	11:08		446.6	893.2	0
56	Reg	SB	52			S161108	16	Central Vly. Ltd	SFT	11:08	LAU	14:27	3:19	40	15:07	0:40	0	14:27	15:07		446.6	446.6	0

December December	APPER	IDIX A3 E	QUIP	MENI	CYCLI	ES PH	IASE 1 BASE	SERVI	CE PLAN (Version 10)														200	
1916 Pas OT NB 52	ID	O	Dir	Cot	Sata	Consist	Train No	Datters	Train Type	Oria	OriaTimo	Doot	DoctTimo	DunTimo	MinLov	Avoil	Lavovor	Eveces	Doct∆rr	DoctDon	_	TroMi	200m	Wkond Vd
192 Fug. S8 52					Seiz	COHSISI																		
158 1592 NB 53																								
Fig.																								
Fig. Sept																					*			
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159 159						400																		-
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Page Page SB 64 S141402 14 A-Morcod MCD 14/02 ANA 16/48 2-46 40 17.28 0-47 7 16/48 17.35 36/43					7(1	100		15																
242 Reg NB 54 XS 400 NO11735 1 Bay Area Ltd ANA 17.35 SFT 21.00 32.55 30 21.30 21.00 476.9 95.38 476.9 163.7 Reg SB 55 SO41214 A All-Stop SFT 12.14 ANA 7.52 SFT 11.54 402 30 12.24 20.0 (10) 11.54 12.14 476.9 95.38 476.9 163.7 Reg SB 55 SO41214 A All-Stop SFT 12.14 ANA 16.17 40.30 40 16.17 16.26 476.9 476.																								
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237 Peak Orf NB 55 400 N041646 4 Al-Stop ANA 16:46 SFT 20:48 4:02 30 21:18 0.26 (4) 20:48 21:14 476.9 953.8 476.9 150						100															*			
130 Night SB 55 S042114 A Al-Stop SFT 21:14 ANA 1:13 3:59 40 1:53 1:13 47:69 47:69 47:69 47:69 17:		•				400												_ , ,						
Fig.						100																		
Feek Off Reg NB 56																								
240																					*			
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Fig. No. No.																								
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250 Reg NB 57 X11 400 N011835 1 Bay Area Ltd ANA 18:35 SFT 22:00 32:5 30 22:30 22:00 476:9 95:38 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 378 476:9 4		· ·																						
134 Peak Off NB 61 N199503 19 S.Femando VIV. Ltd LAU 5:03 SFT 8:15 3:12 30 8:45 0:32 2 8:15 8:47 446.6 446.6 446.6 446.6 446.6 48:0 48:0 8:0					X11	400		1																
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45 Reg SB 61 S141102 14 LA-Merced MCD 11-02 ANA 13-48 2-46 40 14-28 0-47 7 13-48 14-35 35-43 35																								
215 Reg NB 61 X2 400 N011435 1 Bay Area Ltd ANA 14:35 SFT 18:00 3:25 30 18:30 0:33 3 18:00 18:33 476.9 953.8 476.9																								
117 Reg SB 61 S171833 17 S.Fernando Vly, Lid SFT 18:33 LAU 21:49 3:16 40 22:29 21:49 446.6 446.6 446.6 38:40 38 Reg SB 62 N140507 18 Central Vly, Lid LAU 5:07 SFT 8:27 3:20 30 8:57 0:33 3 8:27 9:00 446.6 446.6 446.6 38:40 3:00					X2	400		1																
135 Peak OT NB 62 N180507 18 Central VIV. Ltd LAU 5:07 SFT 8:27 3:20 30 8:57 0:33 3 8:27 9:00 446.6 44					712	100		17																
206 Reg NB 62 N161637 15 SF-Merced ANA 12:25 3:25 40 13:05 0:55 15 12:25 13:20 476.9 953.8 476.9 20:46.6																	0:33	3		9:00				
206 Reg NB 62 N141320 14 LA-Merced ANA 13:20 MCD 16:07 2:47 30 16:37 0:30 0 16:07 16:37 354.3					X1	400																		
The control of the		9						14																
The box The																								
138 Peak O/T NB 63 N200533 20 Central VIy. Ltd LAU 5:33 SFT 8:51 3:18 30 9:21 0:17 (13) 8:51 9:08 446.6																								
According Reg SB 63 S160908 16 Central VIy. Ltd SFT 9:08 LAU 12:27 3:19 40 13:07 0:43 3 12:27 13:10 446.6 446.6 0 20:20 Reg NB 63 N171310 17 S.Fernando VIy. Ltd LAU 13:10 SFT 16:26 3:16 30 16:56 0:38 8 16:26 17:04 446.6															30		0:17			9:08	*			
202 Reg										SFT														
105 Peak OT SB 63 400 S191704 19 S.Fernando Víy. Ltd SFT 17:04 LAU 20:15 3:11 40 20:55 20:15 446.6 893.2 446.6 139 Peak OT NB 64 N210535 21 S.Fernando Víy. Ltd LAU 5:35 SFT 8:57 3:22 30 9:27 0:36 6 8:57 9:33 446.6 446.6 446.6 42 Reg SB 64 S170933 17 S.Fernando Víy. Ltd SFT 9:33 LAU 12:49 3:16 40 13:29 0:44 4 12:49 13:33 446.6 446.6 446.6 204 Reg NB 64 N161333 16 Central Víy. Ltd LAU 13:33 SFT 16:51 3:18 30 17:21 0:17 (13) 16:51 17:08 * 446.6 446.6 0 106 Peak OT SB 64 S181708 18 Central Víy. Ltd SFT 17:08 LAU 20:34 3:26 40 21:14 20:34 446.6 446.6 446.6 143 Peak OT NB 65 N190603 19 S.Fernando Víy. Ltd LAU 6:03 SFT 9:15 3:12 30 9:45 0:45 15 9:15 10:00 446.6 446.6 446.6 446 Reg SB 65 X2 400 S011000 1 Bay Area Ltd SFT 10:00 ANA 13:25 3:25 40 14:05 0:54 14 13:25 14:19 476.9 943.8 476.9 214 Peak OT NB 65 N151737 15 SF-Merced MCD 17:37 SFT 19:11 1:34 40 19:51 19:11 161.2 161.2 144 Peak OT NB 66 N180607 18 Central Víy. Ltd SFT 10:03 LAU 13:19 3:16 40 13:29 0:44 4 13:29 14:03 446.6 446.6 209 Reg NB 66 N161403 16 Central Víy. Ltd SFT 10:03 LAU 13:19 3:16 40 23:28 19:11 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 140 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 141 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 141 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 142 Reg S	202		NB	63			N171310	17	S.Fernando VIv. Ltd	LAU	13:10	SFT	16:26	3:16	30	16:56	0:38		16:26			446.6	446.6	446.6
42 Reg SB 64 S170933 17 S.Fernando VÍy. Ltd SFT 9:33 LAU 12:49 3:16 40 13:29 0:44 4 12:49 13:33 446.6 446.6 446.6 204 Reg NB 64 N161333 16 Central Vly. Ltd LAU 13:33 SFT 15:15 3:18 30 17:21 0:17 (13) 16:51 17:08 446.6 446.6 0 106 Peak O/T NB 64 S181708 18 Central Vly. Ltd LAU 18:03 3:26 40 21:14 20:34 446.6	105	Peak O/T	SB	63		400	S191704	19	S.Fernando Vly. Ltd	SFT	17:04	LAU	20:15	3:11	40	20:55			20:15			446.6	893.2	446.6
42 Reg SB 64 S170933 17 S.Fernando VÍy. Ltd SFT 9:33 LAU 12:49 3:16 40 13:29 0:44 4 12:49 13:33 446.6 446.6 446.6 204 Reg NB 64 N161333 16 Central Vly. Ltd LAU 13:33 SFT 15:15 3:18 30 17:21 0:17 (13) 16:51 17:08 446.6 446.6 0 106 Peak O/T NB 64 S181708 18 Central Vly. Ltd LAU 18:03 3:26 40 21:14 20:34 446.6	139	Peak O/T	NB	64			N210535	21	S.Fernando VIy. Ltd	LAU	5:35	SFT	8:57	3:22	30	9:27	0:36	6	8:57	9:33		446.6	446.6	446.6
The bold of the	42	Reg	SB	64			S170933	17	S.Fernando Vly. Ltd	SFT	9:33	LAU	12:49	3:16	40	13:29	0:44	4	12:49	13:33		446.6	446.6	446.6
143 Peak O/T NB 65 N190603 19 S.Fernando VIy. Ltd LAU 6:03 SFT 9:15 3:12 30 9:45 0:45 15 9:15 10:00 446.6 446.	204	Reg	NB	64			N161333	16	Central Vly. Ltd	LAU	13:33	SFT	16:51	3:18	30	17:21	0:17	(13)	16:51	17:08	*	446.6	446.6	0
46 Reg SB 65 X2 400 S011000 1 Bay Area Ltd SFT 10:00 ANA 13:25 3:25 40 14:05 0:54 14 13:25 14:19 476.9 953.8 476.9 214 Peak O/T NB 65 N141419 14 LA-Merced ANA 14:19 MCD 17:07 2:48 30 17:37 0:30 0 17:07 17:37 354.3	106	Peak O/T	SB	64			S181708	18	Central Vly. Ltd	SFT	17:08	LAU	20:34	3:26	40	21:14		`	20:34			446.6	446.6	446.6
214 Peak O/T NB 65 N141419 14 LA-Merced ANA 14:19 MCD 17:07 2:48 30 17:37 0:30 0 17:07 17:37 354.3	143	Peak O/T	NB	65			N190603	19	S.Fernando Vly. Ltd	LAU	6:03	SFT	9:15	3:12	30	9:45	0:45	15	9:15	10:00		446.6	446.6	446.6
Z25 Reg NB 65 N151737 15 SF-Merced MCD 17:37 SFT 19:11 1:34 40 19:51 19:11 161.2 161.2 161.2 161.2 144 Peak O/T NB 66 N180607 18 Central VIy. Ltd LAU 6:07 SFT 9:27 3:20 30 9:57 0:36 6 9:27 10:03 446.6 446.6 47 Reg SB 66 S171003 17 S.Fernando VIy. Ltd SFT 10:03 LAU 13:19 3:16 40 13:59 0:44 4 13:19 14:03 446.6 446.6 209 Reg NB 66 N161403 16 Central VIy. Ltd LAU 14:03 SFT 17:21 3:18 30 17:51 0:26 (4) 17:21 17:47 446.6 446.6 0 111 Reg SB 66 S142002	46	Reg	SB	65	X2	400	S011000	1	Bay Area Ltd	SFT	10:00	ANA	13:25	3:25	40	14:05	0:54	14	13:25	14:19		476.9	953.8	476.9
144 Peak O/T NB 66 N180607 18 Central VIy. Ltd LAU 6:07 SFT 9:27 3:20 30 9:57 0:36 6 9:27 10:03 446.6	214	Peak O/T	NB	65			N141419	14	LA-Merced	ANA	14:19	MCD	17:07	2:48	30	17:37	0:30	0	17:07	17:37		354.3	354.3	354.3
47 Reg SB 66 S171003 17 S.Fernando Vly. Ltd SFT 10:03 LAU 13:19 3:16 40 13:59 0:44 4 13:19 14:03 446.6 446.6 446.6 446.6 446.6 40 0 13:59 0:44 4 13:19 14:03 446.6 446.6 0 <th< td=""><td>225</td><td>Reg</td><td>NB</td><td>65</td><td></td><td></td><td>N151737</td><td>15</td><td>SF-Merced</td><td>MCD</td><td>17:37</td><td>SFT</td><td>19:11</td><td>1:34</td><td>40</td><td>19:51</td><td></td><td></td><td>19:11</td><td></td><td></td><td>161.2</td><td>161.2</td><td>161.2</td></th<>	225	Reg	NB	65			N151737	15	SF-Merced	MCD	17:37	SFT	19:11	1:34	40	19:51			19:11			161.2	161.2	161.2
209 Reg NB 66 N161403 16 Central VIy. Ltd LAU 14:03 SFT 17:21 3:18 30 17:51 0:26 (4) 17:21 17:47 446.6 446.6 0 111 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 161.2 120 Reg SB 66 S142002 14 LA-Merced MCD 20:02 ANA 22:48 2:46 40 23:28 22:48 354.3 354.3 354.3 YSF 147 Peak O/T NB 67 N20633 20 Central VIy. Ltd LAU 6:33 SFT 9:51 3:18 30 10:21 5:38 308 9:51 15:29 446.6 446.6 90 Reg SB 67 SX4 </td <td>144</td> <td>Peak O/T</td> <td>NB</td> <td>66</td> <td></td> <td></td> <td>N180607</td> <td>18</td> <td>Central Vly. Ltd</td> <td>LAU</td> <td>6:07</td> <td>SFT</td> <td>9:27</td> <td>3:20</td> <td>30</td> <td>9:57</td> <td>0:36</td> <td>6</td> <td>9:27</td> <td>10:03</td> <td></td> <td>446.6</td> <td>446.6</td> <td>446.6</td>	144	Peak O/T	NB	66			N180607	18	Central Vly. Ltd	LAU	6:07	SFT	9:27	3:20	30	9:57	0:36	6	9:27	10:03		446.6	446.6	446.6
111 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 161.2 161.2 120 Reg SB 66 S142002 14 LA-Merced MCD 20:02 ANA 22:48 2:46 40 23:28 22:48 354.3 354.3 354.3 YSF 147 Peak O/T NB 67 N200633 20 Central Vly. Ltd LAU 6:33 SFT 9:51 3:18 30 10:21 5:38 308 9:51 15:29 446.6 446.6 90 Reg SB 67 SX4 400 S021529 2 Express SFT 15:29 ANA 18:43 3:14 40 19:23 0:52 12 18:43 19:35 446.6 893.2 0	47	Reg	SB	66			S171003	17	S.Fernando Vly. Ltd	SFT	10:03	LAU	13:19	3:16	40	13:59	0:44	4	13:19	14:03		446.6	446.6	446.6
111 Reg SB 66 S151747 15 SF-Merced SFT 17:47 MCD 19:21 1:34 40 20:01 0:41 1 19:21 20:02 161.2 161.2 161.2 161.2 120 Reg SB 66 S142002 14 LA-Merced MCD 20:02 ANA 22:48 2:46 40 23:28 22:48 354.3 354.3 354.3 YSF 147 Peak O/T NB 67 N200633 20 Central Vly. Ltd LAU 6:33 SFT 9:51 3:18 30 10:21 5:38 308 9:51 15:29 446.6 446.6 90 Reg SB 67 SX4 400 S021529 2 Express SFT 15:29 ANA 18:43 3:14 40 19:23 0:52 12 18:43 19:35 446.6 893.2 0	209	Reg	NB	66			N161403	16	Central Vly. Ltd	LAU	14:03	SFT	17:21	3:18	30	17:51	0:26	(4)	17:21	17:47		446.6	446.6	0
147 Peak O/T NB 67 N200633 20 Central VIy. Ltd LAU 6:33 SFT 9:51 3:18 30 10:21 5:38 308 9:51 15:29 446.6 446.6 446.6 90 Reg SB 67 SX4 400 S021529 2 Express SFT 15:29 ANA 18:43 3:14 40 19:23 0:52 12 18:43 19:35 446.6 893.2 0	111		SB	66			S151747	15		SFT	17:47	MCD	19:21	1:34	40	20:01	0:41		19:21	20:02		161.2	161.2	161.2
90 Reg SB 67 SX4 400 S021529 2 Express SFT 15:29 ANA 18:43 3:14 40 19:23 0:52 12 18:43 19:35 446.6 893.2 0	120	Reg	SB	66			S142002	14	LA-Merced	MCD	20:02	ANA	22:48	2:46	40	23:28			22:48			354.3	354.3	354.3 YSF
· · · · · · · · · · · · · · · · · · ·	147	Peak O/T	NB	67			N200633	20	Central Vly. Ltd	LAU	6:33	SFT	9:51	3:18	30	10:21	5:38	308	9:51	15:29		446.6	446.6	446.6
256 Reg NB 67 X12 400 N011935 1 Bay Area Ltd ANA 19:35 SFT 23:00 3:25 30 23:30 23:00 476.9 953.8 476.9	90	Reg	SB	67	SX4	400	S021529	2	Express	SFT	15:29	ANA	18:43	3:14	40	19:23	0:52	12	18:43	19:35		446.6	893.2	0
	256	Reg	NB	67	X12	400	N011935	1	Bay Area Ltd	ANA	19:35	SFT	23:00	3:25	30	23:30			23:00			476.9	953.8	476.9

APPE	NDIX A3 E	QUIPI	MENT	CYCL	ES PH	IASE 1 BASE	SERVI	CE PLAN (Version 10)															
		σ.	. .	0 10		- · N		- · -	0 :	O ' T'	. .	D 1T'	D T'				_	D 14	D 1D	_	T	200m	M/I M/I
ID	OvertkScheme			Set2	Consist			Train Type	Orig	OrigTime		DestTime					Excess		DestDep	1	TrnMi	SetMi	Wkend Yd
148	Peak O/T	NB	68		400	N210635	21	S.Fernando Vly. Ltd	LAU	6:35	SFT	9:57	3:22	30	10:27	0:36	6	9:57	10:33		446.6	893.2	446.6
50	Reg	SB	68			S171033	17	S.Fernando Vly. Ltd	SFT	10:33	LAU	13:49	3:16	40	14:29	0:44	4	13:49	14:33		446.6	446.6	446.6
212	Reg	NB	68			N161433	16	Central Vly. Ltd	LAU	14:33	SFT	17:51	3:18	30	18:21	0:17	(13)	17:51	18:08		446.6	446.6	0
115	Reg	SB	68		400	S161808	16	Central Vly. Ltd	SFT	18:08	LAU	21:27	3:19	40	22:07			21:27			446.6	446.6	0
152	Peak O/T	NB	69	V0	400	N190703	19	S.Fernando Vly. Ltd	LAU	7:03	SFT	10:15	3:12	30	10:45	0:45	15	10:15	11:00		446.6	893.2	446.6
54	Reg	SB	69	Х3	400	S011100	1	Bay Area Ltd	SFT	11:00	ANA	14:25	3:25	40	15:05	0:54	14	14:25	15:19		476.9	953.8	476.9
223	Reg	NB NB	69 69			N141519 N151837	14 15	LA-Merced SF-Merced	ANA MCD	15:19 18:37	MCD SFT	18:06 20:11	2:47 1:34	30 40	18:36 20:51	0:31	1	18:06 20:11	18:37		354.3 161.2	354.3 161.2	354.3 161.2 YSF
156	Reg Peak O/T	NB	70			N200733	20	Central Vly. Ltd	LAU	7:33	SFT	10:51	3:18	30	11:21	5:38	308	10:51	16:29		446.6	446.6	446.6
99	Reg	SB	70	SX5	400	S021629	2	Express	SFT	16:29	ANA	19:43	3:14	40	20:23	0:52	12	19:43	20:35		446.6	893.2	0
259	Reg	NB	70	X13	400	N012035	1	Bay Area Ltd	ANA	20:35	SFT	0:00	3:25	30	0:30			0:00			476.9	953.8	476.9
157	Peak O/T	NB	71	X13	400	N210735	21	S.Fernando VIv. Ltd	LAU	7:35	SFT	10:57	3:22	30	11:27	0:36	6	10:57	11:33		446.6	446.6	446.6
58	Reg	SB	71			S171133	17	S.Fernando Vly. Ltd	SFT	11:33	LAU	14:49	3:16	40	15:29	0:44	4	14:49	15:33		446.6	446.6	446.6
221	Peak O/T	NB	71			N201533	20	Central Vly. Ltd	LAU	15:33	SFT	18:51	3:18	30	19:21	0:44	14	18:51	19:35		446.6	446.6	446.6
124	Reg	SB	71			S161935	16	Central Vly. Ltd	SFT	19:35	LAU	22:54	3:19	40	23:34			22:54			446.6	446.6	0
161	Reg	NB	72			N160803	16	Central Vly. Ltd	LAU	8:03	SFT	11:21	3:18	30	11:51	0:39	9	11:21	12:00		446.6	446.6	0
62	Reg	SB	72	X4	400	S011200	1	Bay Area Ltd	SFT	12:00	ANA	15:25	3:25	40	16:05	0:54	14	15:25	16:19		476.9	953.8	476.9
232	Reg	NB	72	7(1	100	N141619	14	LA-Merced	ANA	16:19	MCD	19:06	2:47	30	19:36	0:31	1	19:06	19:37		354.3	354.3	354.3
243	Reg	NB	72			N151937	15	SF-Merced	MCD	19:37	SFT	21:11	1:34	40	21:51			21:11			161.2	161.2	161.2
162	Reg	NB	73			N170810	17	S.Fernando VIy. Ltd	LAU	8:10	SFT	11:26	3:16	30	11:56	0:37	7	11:26	12:03		446.6	446.6	446.6
63	Peak O/T	SB	73			S171203	17	S.Fernando VIy. Ltd	SFT	12:03	LAU	15:19	3:16	40	15:59	0:44	4	15:19	16:03		446.6	446.6	446.6
226	Peak O/T	NB	73			N191603	19	S.Fernando Vly. Ltd	LAU	16:03	SFT	19:15	3:12	30	19:45	0:32	2	19:15	19:47		446.6	446.6	446.6
125	Reg	SB	73			S151947	15	SF-Merced	SFT	19:47	MCD	21:21	1:34	40	22:01			21:21			161.2	161.2	161.2
164	Reg	NB	74			N160833	16	Central Vly. Ltd	LAU	8:33	SFT	11:51	3:18	30	12:21	0:17	(13)	11:51	12:08	*	446.6	446.6	0
64	Reg	SB	74			S161208	16	Central Vly. Ltd	SFT	12:08	LAU	15:27	3:19	40	16:07	0:40	0	15:27	16:07		446.6	446.6	0
227	Peak O/T	NB	74			N181607	18	Central Vly. Ltd	LAU	16:07	SFT	19:27	3:20	30	19:57	0:33	3	19:27	20:00		446.6	446.6	446.6
126	Reg	SB	74	Х3	400	S012000	1	Bay Area Ltd	SFT	20:00	ANA	23:25	3:25	40	0:05			23:25			476.9	953.8	476.9
165	Reg	NB	75			N170840	17	S.Fernando Vly. Ltd	LAU	8:40	SFT	11:56	3:16	30	12:26	0:37	7	11:56	12:33		446.6	446.6	446.6
66	Reg	SB	75			S171233	17	S.Fernando Vly. Ltd	SFT	12:33	LAU	15:49	3:16	40	16:29	0:44	4	15:49	16:33		446.6	446.6	446.6
230	Peak O/T	NB	75			N201633	20	Central Vly. Ltd	LAU	16:33	SFT	19:51	3:18	30	20:21			19:51			446.6	446.6	446.6
1	Night	SB	M1			S140519	14	LA-Merced	MCD	5:19	ANA	8:01	2:42	40	8:41	0:51	11	8:01	8:52		354.3	354.3	354.3
171	Reg	NB	M1			N040852	4	All-Stop	ANA	8:52	SFT	12:54	4:02	30	13:24	0:20	(10)	12:54	13:14	*	476.9	476.9	476.9
73	Reg	SB	M1			S041314	4	All-Stop	SFT	13:14	ANA	17:17	4:03	40	17:57	0:35	(5)	17:17	17:52		476.9	476.9	476.9
01190	Reg	NB	M1			N041752	4	All-Stop	ANA	17:52	SFT	21:54	4:02	30	22:24			21:54			476.9	476.9	476.9
4	Peak O/T	SB	M2		400	S140619	14	LA-Merced	MCD	6:19	ANA	9:07	2:48	40	9:47	0:45	5	9:07	9:52		354.3	708.6	354.3
179	Reg	NB	M2			N040952	4	All-Stop	ANA	9:52	SFT	13:54	4:02	30	14:24	0:20	(10)	13:54	14:14	*	476.9	476.9	476.9
81	Reg	SB	M2			S041414	4	All-Stop	SFT	14:14	ANA	18:17	4:03	40	18:57	0:35	(5)	18:17	18:52		476.9	476.9	476.9
253	Night	NB	M2			N041852	4	All-Stop	ANA	18:52	SFT	22:51	3:59	30	23:21			22:51			476.9	476.9	476.9
131	Reg	NB	МЗ			N150537	15	SF-Merced	MCD	5:37	SFT	7:11	1:34	40	7:51	0:52	12	7:11	8:03		161.2	161.2	161.2
31	Reg	SB	МЗ			S170803	17	S.Fernando Vly. Ltd	SFT	8:03	LAU	11:19	3:16	40	11:59	0:44	4	11:19	12:03		446.6	446.6	446.6
193	Reg	NB	МЗ			N161203	16	Central Vly. Ltd	LAU	12:03	SFT	15:21	3:18	30	15:51	0:39	9	15:21	16:00		446.6	446.6	0
94	Reg	SB	М3	X13	400	S011600	1	Bay Area Ltd	SFT	16:00	ANA	19:25	3:25	40	20:05	0:55	15	19:25	20:20		476.9	953.8	476.9
258	Reg	NB	М3			N142020	14	LA-Merced	ANA	20:20	MCD	23:07	2:47	30	23:37			23:07			354.3	354.3	354.3
133	Reg	NB	M4			N150637	15	SF-Merced	MCD	6:37	SFT	8:11	1:34	40	8:51	0:27	(13)	8:11	8:38	*	161.2	161.2	161.2
35	Reg	SB	M4			S160838	16	Central Vly. Ltd	SFT	8:38	LAU	11:57	3:19	40	12:37	0:43	3	11:57	12:40		446.6	446.6	0
197	Reg	NB	M4		4.5-	N171240	17	S.Fernando Vly. Ltd	LAU	12:40	SFT	15:56	3:16	30	16:26	0:37	7	15:56	16:33		446.6	446.6	446.6
100	Peak O/T	SB	M4		400	S211633	21	S.Fernando Vly. Ltd	SFT	16:33	LAU	19:51	3:18	40	20:31			19:51			446.6	893.2	446.6
13	Peak O/T	SB	M5			S140719	14	LA-Merced	MCD	7:19	ANA	10:07	2:48	40	10:47	0:45	5	10:07	10:52		354.3	354.3	354.3
187	Reg	NB	M5		460	N041052	4	All-Stop	ANA	10:52	SFT	14:54	4:02	30	15:24	0:20	(10)	14:54	15:14	*	476.9	476.9	476.9
89	Peak O/T	SB	M5		400	S041514	4	All-Stop	SFT	15:14	ANA	19:19	4:05	40	19:59		(40)	19:19			476.9	953.8	476.9
142	Reg	NB	M6			N150737	15	SF-Merced	MCD	7:37	SFT	9:11	1:34	40	9:51	0:27	(13)	9:11	9:38	*	161.2	161.2	161.2
43	Reg	SB	M6			S160938	16	Central Vly. Ltd	SFT	9:38	LAU	12:57	3:19	40	13:37	0:43	3	12:57	13:40		446.6	446.6	0

								(200m	
ID	OvertkScheme	Dir	Set	Set2	Consist	Train No.	Pattern	Train Type	Orig	OrigTime	Dest	DestTime	RunTime	MinLay	Avail	Layover	Excess	DestArr	DestDep T	TrnMi	SetMi	Wkend Yd
205	Reg	NB	M6			N171340	17	S.Fernando Vly. Ltd	LAU	13:40	SFT	16:56	3:16	30	17:26	0:37	7	16:56	17:33	446.6	446.6	446.6
109	Peak O/T	SB	M6			S211733	21	S.Fernando Vly. Ltd	SFT	17:33	LAU	20:51	3:18	40	21:31			20:51		446.6	446.6	446.6
														*Additio	onal 200m	trainsets av	ailable for th	ese equip	ment turns -			
Totals																	2,037			106211	140405	83760
																					<u>Weekday</u>	Weekend
																				Days/yr	250	115
																				Ann miles	35101	9632
																				Ann miles	44,	734

[B] – Variation, with 1.0-3.5% Recovery Time Allowance

Appendix B presents the characteristics of a variation of the California High-Speed Train (HST) Phase 1 Service Plan, which assumes a lower and more aggressive allowance for schedule pad or recovery time, consistent with the intent of the HST system to operate at a very high level of precision. In this variation of the service plan, the express services operating between San Francisco and Los Angeles with one intermediate stop at San Jose would have a scheduled run time of 2 hours and 40 minutes, with a recovery time allowance of one percent. All other trains in this variation of the plan would have a recovery time allowance of three and one half percent.

In this versiosn of the service plan, the train stopping patterns, hours of service, and service frequencies were kept essentially the same as that of the base service plan described in Appendix A. Certain changes were made to the assumptions and general principles to allow for the marginally faster travel times estimated for the "express" trains:

- Recovery time incorporated in the end-to-end train running times was reduced from 7
 percent to 1 percent for "express" trains and to 3.5 percent for all other train types
- The minimum headway between trains following each other past a given point was kept at 3 minutes except for sections north of San Jose and near each terminal location, which includes San Francisco-Transbay, Los Angeles Union Station, Anaheim, and Merced stations, because it was assumed that the rate in which trains would arrive and depart these locations could support a minimum headway of no less than 2 minutes.
- In addition to the standard 1 to 3.5 percent recovery time applied to all trains, additional recovery was added to certain trains to adjust the running time so as to avoid the overtakes and to maintain the minimum spacing between trains. This is described in more detail in the *New Service Sequence* section of this memorandum.
- To further reduce the estimated travel time, station dwell times at intermediate stops were reduced from two minutes to 90 seconds at San Jose and Los Angeles Union Station, and from 90 seconds to 75 seconds at all other intermediate stops.
- While the original baseline timetable presented clock face scheduling, the reduction of the amount of recovery time in this iteration resulted in departure times that do not allow for maintaining the clock face structure as long as the stopping patterns of each service type are kept the same as in the baseline timetable.

This variation of the Phase 1 service plan for the initial operating segment between Anaheim, Los Angeles and San Francisco was composed of the following train types and service patterns:

- 1. San Francisco-Los Angeles-Anaheim "Express" service (Pattern #1)
 - Clockface departure on the hour southbound from San Francisco between 5:00 AM and 9:00 PM
 - Clockface hourly departures northbound from Anaheim at 35 minutes past the hour, and departures from Los Angeles at the "top of the hour".
 - During the peak period, northbound departures at Los Angeles were changed to 59 minutes past the hour to create time slots for local and limited-stop trains in order to minimize the overtakes.



- 2. San Francisco-Los Angeles-Anaheim "Express" service (Pattern #2)
 - Southbound trains depart San Francisco at 5:30 AM, 6:30 AM, 7:30 AM, 3:30 PM, 4:30 PM, and 5:30 PM.
 - Northbound trains depart Anaheim at 5:05 AM, 6:05 AM, 7:05 AM, 3:05 PM, 4:05 PM, and 6:05 PM so that the trains can depart Los Angeles at the "bottom" (:30) of the hour.
- 3. San Fernando Valley Off-peak Limited Limited stop service between San Francisco and Los Angeles stopping at stations in the San Fernando Valley and the Santa Clara/Silicon Valley area, while generally bypassing Central Valley stations (Pattern #17)
 - 30-minute headways in both direction for travel between 8:00 AM and 3:00 PM, and again between 6:00 PM and 9:00 PM.
 - Southbound departure from San Francisco at :03 and :33 of the hour; northbound departure from Los Angeles at :10 and :40 of the hour.
 - No overtakes occur en route
 - Two northbound trips, departing Los Angeles at 8:10 AM and 9:10 AM, provide service to the Milbrae station.
 - Northbound trains departing Los Angeles at :40 of the hour reduce speed between Palmdale and Bakersfield to increase travel time by 2 minutes in order to minimize the dwell time of local trains overtaken at Bakersfield.
 - Reduced service to 60-minute headways after 7:00 PM
- 4. San Fernando Valley Peak Limited Peak-only Limited stop service between San Francisco and Los Angeles stopping at stations in the San Fernando Valley and the Santa Clara/Silicon Valley area, while generally bypassing Central Valley stations (Patterns #19 and 21).
 - Two trains per hour per direction with combined 28 to 32 minute headways during the peak period.
 - Southbound departures from San Francisco at :03 of the hour (Pattern #19) and :33 of the hour (Pattern #21); Northbound departures from Los Angeles at :03 of the hour (Pattern #19) and :35 of the hour (Pattern #21)
 - No overtakes occur en route
- 5. Central Valley Off-peak Limited Limited stop service between San Francisco and Los Angeles stopping at all stations north of Bakersfield while skipping all San Fernando Valley stations (Pattern #16).
 - 30-minute headways in both directions for travel between 8:00 AM and 3:00 PM, and again between 6:00 PM and 9:00 PM.
 - Southbound departure from San Francisco at :08 and :38 of the hour; northbound departure from Los Angeles at :03 and :33 of the hours
 - No overtakes occur en route



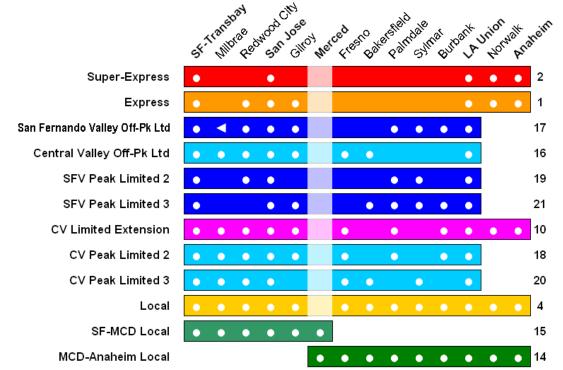
- Southbound trains departing San Francisco at :08 of the hour reduce speed between Bakersfield and Los Angeles to increase travel time by 5 to 10 minutes in order to avoid an overtake.
- Reduced service to 60-minute headways after 7:00 PM
- 6. Central Valley Peak Limited Limited stop service between San Francisco and Los Angeles stopping at all stations in the Central Valley and the north while making limited stops in the San Fernando Valley (Patterns #10, 18, and 20)
 - Two trains per hour per direction with 28 to 32 minute headways during peak period
 - Southbound departure from San Francisco at :08 of the hour (Pattern #10/18) and :39 of the hour (Pattern #20); Northbound departure from Los Angeles at :06 of the hour (Pattern #10) or :07 of the hour (Pattern #19) and :33 of the hour (Pattern #21)
 - Two roundtrips in each direction are extended to Anaheim
 - Southbound trains departing San Francisco at :08 of the hour are overtaken by Express trains (Pattern #2) at Fresno
 - Northbound trains departing Los Angeles at :06 or :07 of the hour are overtaken by Express trains (Pattern #2) at Fresno
 - Some southbound trains reduce speed between Bakersfield and Los Angeles in order to avoid an overtake.
- 7. Local service, making all stops between San Francisco and Anaheim (Pattern #4)
 - All day, hourly service with semi-clockface schedule.
 - Southbound departure from San Francisco at :14 of the hour during peak period, :15 of the hour during off-peak period; northbound departure from Anaheim at :46 of the hour during peak period, :40 of the hour during off-peak period (departure at Los Angeles at :10 and :06 of the hour, respectively)
 - During the peak period, southbound trains are overtaken twice by Express trains (Pattern #2) at Gilroy and by San Fernando Valley Limited trains at Fresno; while northbound trains are overtaken once by Express trains (Pattern #2) at Bakersfield
 - During off-peak period, both southbound and northbound trains are overtaken once by San Fernando Valley Limited trains at Bakersfield
 - All trains during mid-day period are overtaken once by San Fernando Valley Limited trains at Bakersfield
- 8. Merced-Los Angeles Local (Pattern #14)
 - All day, hourly service with semi-clockface schedule
 - Southbound departure from Merced at :05 of the hour throughout the day; northbound departure from Anaheim at :17 of the hour during peak period, :12 of the hour during offpeak period (departure at Los Angeles at :41 and :36 of the hour, respectively)



- During peak period, southbound trains have overtakes by Express (Pattern #1) and San Fernando Valley Limited trains at Fresno and Express trains (Pattern #2) at Bakersfield while northbound trains are overtaken once by Express trains (Pattern #1) at Bakersfield
- During off-peak periods, all trains have overtakes: (by San Fernando Valley Limited and Express trains (Pattern #1); northbound at Bakersfield and southbound at Fresno)
- Southbound trains arrive at Los Angeles Union Station before the following Central Valley Limited trains
- 9. San Francisco-Merced local service (Pattern #15)
 - All-day, hourly service with semi-clockface schedule
 - Southbound departure from San Francisco at :47 of the hour throughout the day; northbound departure from Merced at :34 of the hour during peak period and :37 of the hour during off-peak period
 - No overtakes occur en route

Stations served by each stopping pattern are illustrated in the chart provided below:

Stopping Pattern in Revised (with reduced recovery time) Phase 1 Service Plan



Note: Trains make a stop at station with white circle; ◀: Special stop (northbound only).

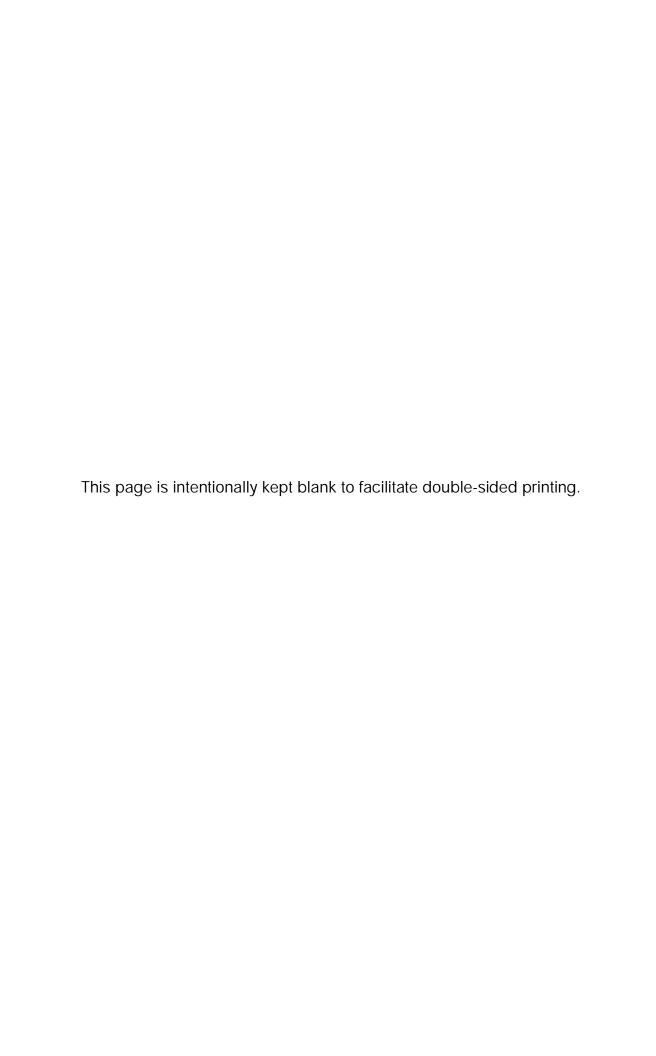


This schedule variation provides a total of 260 revenue trips, the same number of trips assumed in the base plan. Since both service plans follow the same planning principles, the breakdown of the levels of service in each time period of the day is identical between them. This is illustrated in the revised timetable and time-distance chart presented in the Appendices B1 and B2.

As a result of reducing the recovery and station dwell times, it is estimated that Express trains (Pattern #2) can complete the travel between San Francisco and Los Angeles within 2 hours and 40 minutes. This reduction in the recovery and dwell times also improves the travel time of most of the projected 260 revenue trips in this service plan.

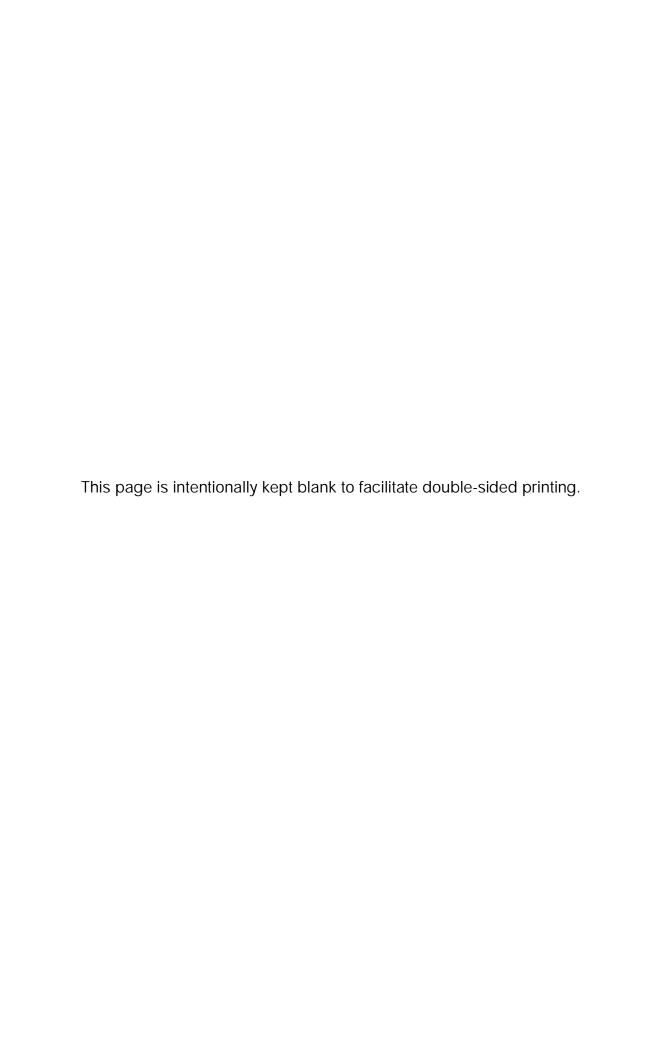
A hypothetical daily timetable for this service plan is presented in Appendix B1. This same schedule is presented in stringline (time-distance) diagram format in Appendix B2. Equipment cycles and the number of required trainsets will be the same in this scenario as in the base plan documented in Appendix A3, so a separate analysis of equipment cycles is not shown for the service plan variation.





B1. Hypothetical Timetable





CALIFORNIA HIGH-SPEED RAIL PHASE 1 TIMETABLE VARIATION SERVICE PLAN

VARIATION SERVIC	Turns from →																																					
	Turns from 7																																					
APPENDIX B1		Night	eak O/T	Reg	Peak		Peak O/T	Peak	Peak	Peak	Reg	Peak O/T	Reg	Peak	Peak Ext		Peak	Peak	Peak	Reg	Peak O/T	Reg	Peak	Peak O/T		Peak	Peak	Peak	Reg	Reg	Reg	Reg	Mid 1	Reg	Reg	Mid 2	Reg	Reg
	Direction →	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB M4	SB	SB
	Trainset → Train No. →	M1 S140505	M2 5140605	S010500	∠ S190503	3 \$180508	S040514	S020530	S210533	S200539	8 S150547	M5 S140705	S010600	10 S190603	11 S100608	12 S040614	13 S020630	14 S210633	15 S200639	16 S150647	S140805	17 S010700	18 S190703	19 S180708	20 S040714	21 S020730	22 S210733	23 S200739	24 S150747	16 S140905	25 S010800	M3 S170803	26 S160808	27 S040815	41 S170833		61 S150847	24 S141005
	Pattern →	14	14	1	19	18	4	2	21	20	15	14	1	19	10	4	2	21	20	15	14	1	19	18	4	2	21	20	15	14	1	17	16	4	17	16	15	14
Southbound		L.A	L.A	Bay	S.Fern'do	Central			S.Fern'do		S.F	L.A	Bay	S.Fern'do	Central			S.Fern'do		S.F	L.A	Bay		Central			S.Fern'do		S.F	L.A	Bay	S.Fern'do			S.Fern'do		S.F	L.A
	Service Type →	Merced	/lerced	Area	Valley	Valley	All-Stop		Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop		Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop		Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced
	••	Local	Local	Limited	Limited	Limited	Local	Express	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Express	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Express	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local
Mile Station																																						
0.0 SFT S.FT	Fransbay Dep			5:00	5:03	5:08	5:14	5:30	5:33	5:39	5:47		6:00	6:03	6:08	6:14	6:30	6:33	6:39	6:47		7:00	7:03	7:08	7:14	7:30	7:33	7:39	7:47		8:00	8:03	8:08	8:15	8:33	8:38	8:47	
14.7 SFO Millbra						5:23	5:29			5:54	6:02				6:23	6:29			6:54	7:02				7:23	7:29			7:54	8:02				8:23	8:30			9:02	
26.4 RWC Redw				5:20	5:23	5:33	5:39			6:04	6:12		6:20	6:23	6:33	6:39				7:12			7:23	7:33	7:39			8:04	8:12		8:20		8:33	8:40	8:53	9:03		
48.0 SJC San J				5:34	5:38	5:48	5:54	5:59	6:03	6:19	6:27		6:34	6:38	6:48	6:54	6:59	7:03	7:19	7:27		7:34	7:38	7:48	7:54	7:59	8:03	8:19	8:27		8:34	8:38	8:48	8:55	9:08	9:18	9:27	
77.7 GLY Gilroy				5.50	F F0	0.04	6:08		0.00		0.40		0.50	0.50	7.04	7:08		7.00		7.40		7.50	7.50	0.04	8:08		0.00		0.40		0.50	0.50	0.04	0.44	0.00	0.04	0.40	
187.5 MCD Merce	Dep			5:50	5:53	6:04	6:14		6:20		6:43		6:50	6:53	7:04	7:14		7:20		7:43		7:50	7:53	8:04	8:14		8:20		8:43		8:50	8:53	9:04	9:11	9:23		9:43	
107.5 IVICD IVIEICE	ed Arr Dep	5:05	6:05			+	+				7:17	7:05			+	\				8:17	8:05			. ↓	+				9:17	9:05			+	\		. ↓	10:17	10:05
191.5 FNO Fresn		3.03	6:25			6:44	6:55			+		7:25			7:44	7:55			+		8:25			8:44	8:55			+		9:25								10:25
131.31110 110311	Dep	5:27	6:35				7:00			7:11		7:35			7:49				8:11		8:35				9:00			9:11		9:42			9:45	9:52		10:15		10:42
302.8 BFD Baker		0.2.	7:15			0.10	7.00		+			8:15			7110	0.00		+	0		9:15			0.10	0.00		+	0		0			0.10	10:30		10110		
	Dep	6:06	7:20				7:39		7:34	7:50		8:20				8:39		8:34	8:50		9:20				9:39		9:34	9:50		10:12			10:24	10:35		10:54		11:12
387.4 PMD Palmo					+									+									+									+			+			
	Dep	6:38	7:53		7:33	7:58	8:12		8:06			8:53		8:33	8:58	9:12		9:06			9:53		9:33	9:58	10:12		10:06			10:44		10:33		11:09	11:03			11:44
425.7 SYL Sylma		6:59	8:14		7:54		8:33		8:27	8:38		9:14		8:54		9:33		9:27	9:38		10:14		9:54		10:33		10:27	10:38		11:05		10:54		11:30	11:24			12:05
436.3 BUR Burba	nk Arr			1									1																				1					
	Dep	7:07	8:22	<u> </u>		8:26	8:41	V	8:35			9:22	V		9:36	9:41	V	9:35			10:22	V		10:26	10:41	V	10:35			11:14	V	11:03	V	11:38	11:33	V I		12:14
446.6 LAU L.A. U		7:16	8:31	7:53	8:07	8:36	8:49	8:10	8:44	8:51		9:31	8:53	9:07	9:38	9:49	9:10	9:44	9:51		10:31	9:53	10:07	10:36	10:49	10:10	10:44	10:51		11:22		11:11	11:25	11:46	11:41	11:49		12:22
404 0 NOT N	Dep		8:33	7:55			8:51	8:12				9:33	8:55		9:40	9:51	9:12				10:33	9:55			10:51	10:12				11:24	10:55			11:48				12:24
461.8 NSF Norwa		7:29	8:44	8:07			9:03	8:23				9:44	9:07		9:48	10:03	9:23				10:44	10:07			11:03					11:35	11:07			12:00				12:35
476.9 ANA Anahe	eim Arr	7:39	8:54	8:17			9:13	8:34				9:54	9:17		9:59	10:13	9:34				10:54	10:17			11:13	10:34				11:46	11:17			12:10				12:46
	Available →	8:19	9:34	8:57	8:47	9:16	9:53	9:14	9:24	9:31	7:57	10:34	9:57	9:47	10:39	10:53	10:14	10:24	10:31	8:57	11:34	10:57	10:47	11:16	11:53	11:14	11:24	11:31	9:57	12:26	11:57	11:51	12:05	12:50	12:21	12:29	10:57	13:26
	Turns for →																																					
	Torres (see)																																					
	Turns from →																																					
		Reg	Reg	Reg	Peak	Peak	Reg	Peak	Peak	Peak	Peak O/T	Reg	Reg	Peak	Peak	Reg	Peak	Peak	Peak	Peak O/T	Reg	Reg	Peak	Peak Ext	Reg	Peak	Peak		Peak O/T	Reg	Reg	Reg	Reg	Shoulder	Reg	Reg	Mid 2	Reg
	Direction →	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
	Direction → Trainset →	NB M3	NB M4	NB 41	NB 61	NB 62	NB 42	NB 43	NB 63	NB 64	NB 44	NB 45	NB M6	NB 65	NB 66	NB 46	NB 47	NB 67	NB 68	NB 48	NB 44	NB 49	NB 69	NB 50	NB 51	NB 52	NB 70	NB 71	NB 53	NB 54	NB 48	NB 72	NB 55	NB 73	NB 74	NB 56	NB 75	NB 57
	Direction →	NB M3	NB M4 I150634	NB	NB	NB	NB	NB	NB 63	NB	NB	NB	NB	NB	NB	NB	NB 47	NB	NB 68	NB	NB	NB 49	NB 69	NB	NB	NB	NB 70	NB 71	NB	NB	NB 48 N150937	NB	NB	NB	NB 74	NB 56	NB 75	NB
Northbound	Direction → Trainset → Train No. →	NB M3 N150534 15	NB M4	NB 41 N010435	NB 61 N190502	NB 62 N180507	NB 42	NB 43	NB 63 N200533 20	NB 64 N210535	NB 44 N140517 14	NB 45 N010535	NB M6 N150734	NB 65 N190602	NB 66 N180607	NB 46 N040546	NB 47	NB 67 N200633 20	NB 68 N210635	NB 48 N140617	NB 44 N150834	NB 49 N010635	NB 69 N190702 19	NB 50 N100642	NB 51 N040646	NB 52 N020705	NB 70 N200733 20	NB 71 N210735	NB 53 N140717	NB 54 N010735	NB 48	NB 72	NB 55 N040742	NB 73 N170810	NB 74 N160833	NB 56 N140812 14	NB 75 N170840	NB 57
<u>Northbound</u>	Direction → Trainset → Train No. →	NB M3 N150534 15 S.F	NB M4 \150634	NB 41 N010435	NB 61 N190502 19	NB 62 N180507	NB 42	NB 43	NB 63 N200533 20	NB 64 N210535 21	NB 44 N140517 14	NB 45	NB M6 N150734	NB 65 N190602	NB 66 N180607	NB 46 N040546	NB 47	NB 67 N200633 20	NB 68 N210635 21	NB 48 N140617 14	NB 44 N150834	NB 49 N010635	NB 69 N190702 19	NB 50 N100642 10	NB 51 N040646	NB 52 N020705	NB 70 N200733 20	NB 71 N210735 21 S.Fern'do	NB 53 N140717	NB 54	NB 48 N150937	NB 72 N160803	NB 55 N040742	NB 73 N170810 17	NB 74 N160833	NB 56 N140812 14 L.A S	NB 75 N170840 17	NB 57 N010835
<u>Northbound</u>	Direction → Trainset → Train No. → Pattern →	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay	NB 61 N190502 19 S.Fern'do	NB 62 N180507 18 Central	NB 42 N040446 4	NB 43	NB 63 N200533 20 Central Valley	NB 64 N210535 21 S.Fern'do Valley	NB 44 N140517 14 L.A	NB 45 N010535 1 Bay	NB M6 N150734 15 S.F	NB 65 N190602 19 S.Fern'do Valley	NB 66 N180607 18 Central	NB 46 N040546 4 All-Stop	NB 47	NB 67 N200633 20 Central Valley	NB 68 N210635 21 S.Fern'do	NB 48 N140617 14 L.A	NB 44 N150834 15 S.F	NB 49 N010635 1 Bay Area	NB 69 N190702 19 S.Fern'do	NB 50 N100642 10 Central	NB 51 N040646 4 All-Stop	NB 52 N020705	NB 70 N200733 20 Central Valley	NB 71 N210735 21 S.Fern'do	NB 53 N140717 14 L.A	NB 54 N010735 1 Bay	NB 48 N150937 15 S.F	NB 72 N160803 16 Central	NB 55 N040742 4	NB 73 N170810 17 S.Fern'do	NB 74 N160833 16 Central	NB 56 N140812 14 L.A S	NB 75 N170840 17 S.Fern'do Valley	NB 57 N010835 1 Bay
Northbound Mile Station	Direction → Trainset → Train No. → Pattern →	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area	NB 61 N190502 19 S.Fern'do Valley	NB 62 N180507 18 Central Valley	NB 42 N040446 4 All-Stop	NB 43 N020505 2	NB 63 N200533 20 Central Valley	NB 64 N210535 21 S.Fern'do Valley	NB 44 N140517 14 L.A Merced	NB 45 N010535 1 Bay Area	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley	NB 66 N180607 18 Central Valley	NB 46 N040546 4 All-Stop	NB 47 N020605 2	NB 67 N200633 20 Central Valley	NB 68 N210635 21 S.Fern'do Valley	NB 48 N140617 14 L.A Merced	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area	NB 69 N190702 19 S.Fern'do Valley	NB 50 N100642 10 Central Valley	NB 51 N040646 4 All-Stop	NB 52 N020705 2	NB 70 N200733 20 Central Valley	NB 71 N210735 21 S.Fern'do Valley	NB 53 N140717 14 L.A Merced	NB 54 N010735 1 Bay Area	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley	NB 55 N040742 4	NB 73 N170810 17 S.Fern'do Valley	NB 74 N160833 16 Central Valley	NB 56 N140812 14 L.A S	NB 75 N170840 17 S.Fern'do Valley	NB 57 N010835 1 Bay Area
	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area	NB 61 N190502 19 S.Fern'do Valley	NB 62 N180507 18 Central Valley	NB 42 N040446 4 All-Stop	NB 43 N020505 2 Express	NB 63 N200533 20 Central Valley	NB 64 N210535 21 S.Fern'do Valley	NB 44 N140517 14 L.A Merced	NB 45 N010535 1 Bay Area	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley	NB 66 N180607 18 Central Valley	NB 46 N040546 4 All-Stop	NB 47 N020605 2	NB 67 N200633 20 Central Valley	NB 68 N210635 21 S.Fern'do Valley	NB 48 N140617 14 L.A Merced	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area	NB 69 N190702 19 S.Fern'do Valley	NB 50 N100642 10 Central Valley	NB 51 N040646 4 All-Stop	NB 52 N020705 2 Express	NB 70 N200733 20 Central Valley	NB 71 N210735 21 S.Fern'do Valley	NB 53 N140717 14 L.A Merced	NB 54 N010735 1 Bay Area	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley	NB 55 N040742 4	NB 73 N170810 17 S.Fern'do Valley	NB 74 N160833 16 Central Valley	NB 56 N140812 14 L.A S	NB 75 N170840 17 S.Fern'do Valley Limited	NB 57 N010835 1 Bay Area
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa	Direction → Trainset → Train No. → Pattern → Service Type → eim Dep alk Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45	NB 61 N190502 19 S.Fern'do Valley	NB 62 N180507 18 Central Valley	NB 42 N040446 4 All-Stop Local 4:46 4:56	NB 43 N020505 2 Express 5:05 5:15	NB 63 N200533 20 Central Valley	NB 64 N210535 21 S.Fern'do Valley	NB 44 N140517 14 L.A Merced Local 5:17 5:27	NB 45 N010535 1 Bay Area Limited 5:35 5:45	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley	NB 66 N180607 18 Central Valley	NB 46 N040546 4 All-Stop Local 5:46 5:56	NB 47 N020605 2 Express 6:05 6:15	NB 67 N200633 20 Central Valley	NB 68 N210635 21 S.Fern'do Valley	NB 48 N140617 14 L.A Merced Local 6:17 6:27	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45	NB 69 N190702 19 S.Fern'do Valley	NB 50 N100642 10 Central Valley Limited 6:42 6:52	NB 51 N040646 4 All-Stop Local 6:46 6:56	NB 52 N020705 2 Express 7:05 7:15	NB 70 N200733 20 Central Valley	NB 71 N210735 21 S.Fern'do Valley	NB 53 N140717 14 L.A Merced Local 7:17 7:27	NB 54 N010735 1 Bay Area Limited 7:35 7:45	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley	NB 55 N040742 4 All-Stop Local 7:42 7:52	NB 73 N170810 17 S.Fern'do Valley	NB 74 N160833 16 Central Valley	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22	NB 75 N170840 17 S.Fern'do Valley Limited	NB 57 N010835 1 Bay Area Limited 8:35 8:45
Mile <u>Station</u> 0.0 ANA Anahe	Direction → Trainset → Train No. → Pattern → Service Type → Seim Dep Balk Dep Jnion Sta. Arr	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited	NB 64 N210535 21 S.Fern'do Valley Limited	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited	NB 66 N180607 18 Central Valley Limited	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited	NB 68 N210635 21 S.Fern'do Valley Limited	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited	NB 71 N210735 21 S.Fern'do Valley Limited	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04	NB 73 N170810 17 S.Fern'do Valley Limited	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A Merced Local 8:12 8:22 8:34	NB 75 N170840 17 S.Fern'do Valley Limited	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U	Direction → Trainset → Train No. → Pattern → Service Type → seim Dep alk Dep Jnion Sta. Arr	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10	NB 43 N020505 2 Express 5:05 5:15	NB 63 N200533 20 Central Valley Limited	NB 64 N210535 21 S.Fern'do Valley Limited	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41	NB 45 N010535 1 Bay Area Limited 5:35 5:45	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited	NB 66 N180607 18 Central Valley Limited	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10	NB 47 N020605 2 Express 6:05 6:15	NB 67 N200633 20 Central Valley Limited	NB 68 N210635 21 S.Fern'do Valley Limited	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10	NB 52 N020705 2 Express 7:05 7:15	NB 70 N200733 20 Central Valley Limited	NB 71 N210735 21 S.Fern'do Valley Limited	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41	NB 54 N010735 1 Bay Area Limited 7:35 7:45	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06	NB 73 N170810 17 S.Fern'do Valley Limited	NB 74 N160833 16 Central Valley	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36	NB 75 N170840 17 S.Fern'do Valley Limited	NB 57 N010835 1 Bay Area Limited 8:35 8:45
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba	Direction → Trainset → Train No. → Pattern → Service Type → eim Dep alk Dep Jnion Sta. Arr Dep ank Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited	NB 66 N180607 18 Central Valley Limited 6:07 6:16	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma	Direction → Trainset → Train No. → Pattern → Service Type → Selim Dep Balk Dep Joinon Sta. Arr Dep ank Dep Join Dep Join Dep Join Dep Join Dep Join Dep Join Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited	NB 64 N210535 21 S.Fern'do Valley Limited	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited	NB 66 N180607 18 Central Valley Limited	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited	NB 68 N210635 21 S.Fern'do Valley Limited	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited	NB 71 N210735 21 S.Fern'do Valley Limited	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06	NB 73 N170810 17 S.Fern'do Valley Limited	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45	NB 75 N170840 17 S.Fern'do Valley Limited	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba	Direction → Trainset → Train No. → Pattern → Service Type → eim Dep alk Dep Jnion Sta. Arr Dep ank Dep ar Dep dale Arr	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:19	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44 5:53	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 5:59	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:10 6:18 6:19	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 6:59	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:19 7:19	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A Merced Local 8:12 8:22 8:34 8:36 8:45 8:54	NB 75 N170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Dep Dalk Dep Drion Sta. Arr Dep Dar Dep Dar Dep Dale Arr Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:28	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited	NB 66 N180607 18 Central Valley Limited 6:07 6:16	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:19 6:28	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Lim Dep Lalk Dep Jinon Sta. Arr Dep Lar Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N1807 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N210521 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 5:59 6:20 6:50	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited 6:07 6:16	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 7:20 7:50	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14	NB 53 N1407114 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20 8:50	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A SMerced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47	NB 75 N170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Lim Dep Join Sta. Arr Dep Join Sta. Arr Dep Join Sta. Arr Dep Join Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:28	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44 5:53	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 5:59 6:20 6:50	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited 6:07 6:16	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54	NB 75 N170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Dep alk Dep Drion Sta. Arr Dep ar Dep dale Arr Dep Sfield Arr Dep O Arr Dep	NB M3 N150534 15 S.F	NB M4 N150634 15 S.F	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N210521 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 5:59 6:20 6:50	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited 6:07 6:16	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19 7:24	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 7:20 7:50	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 8:19 8:24	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14	NB 53 N1407114 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20 8:50	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited 8:33	NB 56 N140812 14 L.A SMerced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47	NB 75 170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Dep alk Dep Drion Sta. Arr Dep ar Dep dale Arr Dep Sfield Arr Dep O Arr Dep	NB M3 N150534 15 S.F Merced Local	NB M4 1150634 115 S.F Merced Local	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:18 5:19 5:28 6:19 6:24	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N210521 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 5:59 6:20 6:54	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced Local	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19 7:24 8:03	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:50 7:54	NB 44 N150834 15 S.F Merced Local	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 8:19 8:24	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20 8:50 8:54	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited 8:33 8:33 9:28 10:07	NB 56 N140812 14 L.A Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55	NB 75 170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Service Type → Dep alk Dep Jnion Sta. Arr Dep ar Dep dale Arr Dep Dep dale Arr Dep Dep de Arr Dep	NB M3 N150534 15 S.F	NB M4 1150634 115 S.F Merced Local	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N18057 18 Central Valley Limited 5:07 5:16 5:40 6:45	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:18 5:19 5:28 6:19 6:24	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N21052 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56	NB M6 N150734 15 S.F Merced	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 ▼	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19 7:24	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 N150834 15 S.F Merced	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 8:19 8:24	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56	NB 48 N150937 15 S.F Merced	NB 72 N160803 16 Central Valley Limited 8:03	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:29	NB 74 N160833 16 Central Valley Limited 8:33	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55	NB 75 170840 17 S.Ferrido Valley Limited 8:40 8:49 8:58	NB 57 N010835 1 Bay Area Limited 8:35 8:45 8:56
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Service Type → Leim Dep Jalk De	NB M3 N150534 15 S.F Merced Local	NB M4 1150634 1155 S.F Merced Local	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59	NB 61 N190502 19 S.Fern'do Valley Limited	NB 62 N180507 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 44 All-Stop Local 4:46 4:56 5:08 5:10 5:19 5:28 6:19 6:24 7:03 ↓	NB 43 N020505 2 Express 5:05 5:15 5:26	NB 63 N200533 20 Central Valley Limited 5:33 5:46	NB 64 N21052 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56 5:59	NB M6 N150734 15 S.F Merced Local	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15	NB 66 N180607 188 Central Valley Limited 6:07 6:16 6:40 7:45 8:25	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19 7:24 8:03	NB 47 N020605 2 Express 6:05 6:15 6:26	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 N15083 15 S.F Merced Local	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59	NB 69 N190702 19 S.Fern'do Valley Limited	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19 8:24 9:03 ↓	NB 52 N020705 2 Express 7:05 7:15 7:26	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 ▼	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19 8:29	NB 74 N16083 166 Central Valley Limited 8:33 9:28 10:07	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:47 9:55 10:34 10:58	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18	NB 57 N010835 1 Bay Area Limited 8:35 8:45 9:00
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 N150534 15 S.F Merced Local	NB M4 1150634 115 S.F Merced Local	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36	NB 62 N180507 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 44 All-Stop Local 4:46 4:56 5:08 5:10 5:18 6:19 6:24 7:03 ↓	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45 N010525 1 Bay Area Limited 5:35 5:45 5:56 5:59	NB M6 N150734 15 S.F Merced Local 7:34 8:09	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 8:25 8:30	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 6:28 7:19 7:24 8:03 ↓	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30	NB 67 N200633 20 Central Valley Limited 6:46 7:34 8:13	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 N150834 15 S.F Merced Local	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59	NB 69 N190702 19 S.Fern'do Valley Limited 7:02 7:15 7:36	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 8:45	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 8:19 8:24 9:03	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 ↓	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18	NB 57
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy	Direction → Trainset → Train No. → Pattern → Service Type → Service Type → Service Type → Dep alk Dep Junion Sta. Arr Dep arr Dep dale Arr Dep d	NB M3 N150534 15 S.F Merced Local 5:34 6:09 6:25	NB M4 1150634 1150634 1150 S.F Alerced Local Local 6:34 7:09 7:25	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59 7:03 7:19	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36	NB 62 N180507 18 Central Valley Limited 5:07 5:16 5:40 6:45 ↓ 7:25 7:30 7:46	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 6:19 6:24 7:03 7:44 8:00	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46 8:00 8:16	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45 N010535 1 Bay Area Limited 5:35 5:45 5:56 5:59 8:03 8:19	NB M6 M150734 15 S.F Merced Local 7:34 8:09 8:25	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 8:25 8:30 8:46	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 7:24 8:03	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34 8:13 9:06	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 N150834 15 S.F Merced Local Local 8:34 9:09 9:25	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59 9 9:03 9:19	NB 69 N190702 19 S.Fern'do Valley Limited 7:02 7:15 7:36	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39 8:45 9:25 9:30 9:46	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 8:24 9:03	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46 10:00 10:16	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 10:18 10:34	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59 ↓ 10:40 10:56	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07 10:48 11:04	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18	NB 57 1 8ay Area Limited 8:35 8:45 9:00 11:04 11:20
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy 428.8 SJC San J 450.5 RWC Redw	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 N150534 15 S.F Merced Local 5:34 6:09 6:25 6:40	NB M4 1150634 11506444 1150644 1150644 1150644 11506444 11506444 11506444 11506444 1150644 1150644 1150644 1150644 1150644 1150644 1150644 1150644 115	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59 7:03 7:19 7:33	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36 7:32 7:46	NB 62 N180207 18 Central Valley Limited 5:07 5:16 5:40	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19 5:28 6:19 6:24 7:03 7:44 8:00 8:14	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13 8:06 8:19	NB 644 N21052 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46 8:00 8:16	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45	NB M6 M150734 15 S.F Merced Local	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 \$ 8:25 8:30 8:46	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:19 6:28 7:19 7:24 8:03 ■ 8:44 9:00 9:14	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34 8:13 9:06 9:19	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46 9:00 9:16	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 N150834 15 S.F Merced Local Local 8:34 9:09 9:25 9:40	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59 9:03 9:19 9:33	NB 69 N190702 19 S.Fern'do Valley Limited 7:02 7:15 7:36 9:32 9:46	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39 8:45 9:25 9:30 9:46	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19 8:24 9:03 ↓ ↓	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13 10:06 10:19	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46 10:00 10:16	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 10:18 10:34 10:48	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59 ↓ 10:40 10:56 11:10	NB 73 N170310 177 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07 10:48 11:04 11:18	NB 56 N140812 14 L.A 5 Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18 11:01 11:17 11:30	NB 57 1 8ay Area Limited 8:35 8:45 8:56 9:00 11:04 11:20 11:34
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy 428.8 SJC San J 450.5 RWC Redw 462.2 SFO Millbra	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 M150534 15 S.F Merced Local 5:34 6:09 6:25 6:40 6:50	NB M4 1150634064 1150634 1150634 1150634 1150634 1150634 1150634 1150634 11506	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59 7:03 7:19 7:33	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36 7:32 7:46	NB 62 N18057 18 Central Valley Limited 5:07 5:16 5:40 7:25 7:30 7:46 8:04	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19 6:24 7:03 ↓ 7:44 8:00 8:14 8:24	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30 7:42	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13 8:06 8:19 8:29	NB 64 N21052 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46 8:00 8:16	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45	NB M6 M150734 15 S.F Merced Local 7:34 8:09 8:25 8:40 8:50	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 8:25 8:30 8:46 9:04	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:18 6:19 7:24 8:03 ↓ 8:44 9:00 9:14 9:24	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34 8:13 9:06 9:19 9:29	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46 9:00 9:16	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 4 N150834 15 S.F Merced Local Local 8:34 9:09 9:25 9:40 9:50	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59 9:19 9:03 9:19 9:33	NB 69 N190702 19 S.Fern'do Valley Limited 7:02 7:15 7:36 9:32 9:46	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39 8:45 ↓ 9:25 9:30 9:46 10:04	NB 51 N040646 4 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19 8:24 9:03 ↓ 10:00 10:14 10:24	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13 10:06 10:19 10:29	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00 10:04 10:20 10:34	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 10:18 10:34 10:48	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59 ↓ 10:40 10:56 11:10 11:20	NB 73 N170310 17 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49 10:30 10:46 10:59 11:08	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07 10:48 11:04 11:18	NB 56 N140812 14 L.A SMerced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 17 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18 11:01 11:17 11:30	NB 57 1 8ay Area Limited 8:35 8:45 8:56 9:00 11:04 11:20 11:34
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy 428.8 SJC San J 450.5 RWC Redw	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 M150534 15 S.F Merced Local 5:34 6:09 6:25 6:40 6:50	NB M4 1150634064 1150634 1150634 1150634 1150634 1150634 1150634 1150634 11506	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59 7:03 7:19 7:33	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36 7:32 7:46	NB 62 N18057 18 Central Valley Limited 5:07 5:16 5:40 7:25 7:30 7:46 8:04	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19 6:24 7:03 ↓ 7:44 8:00 8:14 8:24	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30 7:42	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13 8:06 8:19	NB 64 N21052 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46 8:00 8:16	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:20 6:50 6:54 7:33	NB 45	NB M6 M150734 15 S.F Merced Local 7:34 8:09 8:25 8:40 8:50	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N180607 18 Central Valley Limited 6:07 6:16 6:40 7:45 8:25 8:30 8:46 9:04	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:19 6:28 7:19 7:24 8:03 ■ 8:44 9:00 9:14	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34 8:13 9:06 9:19 9:29	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46 9:00 9:16	NB 48 N140617 14 LA Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33	NB 44 4 N150834 15 S.F Merced Local Local 8:34 9:09 9:25 9:40 9:50	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59 9:19 9:03 9:19 9:33	NB 69 N190702 19 S.Fern'do Valley Limited 7:02 7:15 7:36 9:32 9:46	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39 8:45 ↓ 9:25 9:30 9:46 10:04	NB 51 N040646 4 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19 8:24 9:03 ↓ 10:00 10:14 10:24	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13 10:06 10:19 10:29	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:59 8:20 8:50 8:54 9:33	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00 10:04 10:20 10:34	NB 48 N150937 15 S.F Merced Local	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 10:18 10:34 10:48	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59 ↓ 10:40 10:56 11:10 11:20	NB 73 N170310 177 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07 10:48 11:04 11:18	NB 56 N140812 14 L.A SMerced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 N170840 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18 11:01 11:17 11:30	NB 57 1 8ay Area Limited 8:35 8:45 8:56 9:00 11:04 11:20 11:34
Mile Station 0.0 ANA Anahe 15.0 NSF Norwa 30.3 LAU L.A. U 40.6 BUR Burba 51.1 SYL Sylma 89.4 PMD Palmo 174.1 BFD Baker 285.4 FNO Fresn 354.4 MCD Merce 399.2 GLY Gilroy 428.8 SJC San J 450.5 RWC Redw 462.2 SFO Millbra	Direction → Trainset → Train No. → Pattern → Service Type →	NB M3 N150534 15 S.F Merced Local Local 5:34 6:09 6:25 6:40 6:50 7:04	NB M4 1150634	NB 41 N010435 1 Bay Area Limited 4:35 4:45 4:56 4:59 7:03 7:19 7:33	NB 61 N190502 19 S.Fern'do Valley Limited 5:02 5:15 5:36 7:32 7:46	NB 62 N18057 18 Central Valley Limited 5:07 5:16 5:40 7:25 7:30 7:46 8:04	NB 42 N040446 4 All-Stop Local 4:46 4:56 5:08 5:10 5:18 5:19 6:24 7:03 ↓ 7:44 8:00 8:14 8:24	NB 43 N020505 2 Express 5:05 5:15 5:26 5:30 7:42 8:10	NB 63 N200533 20 Central Valley Limited 5:33 5:46 6:34 7:13 8:06 8:19 8:29	NB 64 N210535 21 S.Fern'do Valley Limited 5:35 5:44 5:53 6:14 6:46 8:00 8:16 8:49	NB 44 N140517 14 L.A Merced Local 5:17 5:27 5:39 5:41 5:50 6:50 6:54 7:33 7:53	NB 45	NB M6 M150734 15 S.F Merced Local 7:34 8:09 8:25 8:40 8:50 9:04	NB 65 N190602 19 S.Fern'do Valley Limited 6:02 6:15 6:36	NB 66 N1806017 18 Central Valley Limited 6:07 6:16 6:40 7:45 8:25 8:30 8:46 9:04 9:19	NB 46 N040546 4 All-Stop Local 5:46 5:56 6:08 6:10 6:19 6:28 7:19 7:24 8:03 ↓ 8:44 9:00 9:14 9:24 9:39	NB 47 N020605 2 Express 6:05 6:15 6:26 6:30 8:42 9:10	NB 67 N200633 20 Central Valley Limited 6:33 6:46 7:34 8:13 9:06 9:19 9:29 9:43	NB 68 N210635 21 S.Fern'do Valley Limited 6:35 6:44 6:53 7:14 7:46 9:00 9:16	NB 48 N140617 14 L.A Merced Local 6:17 6:27 6:39 6:41 6:50 6:59 7:20 7:54 8:33 8:53	NB 44 N150834 15 S.F Merced Local Local 8:34 9:09 9:25 9:40 9:50 10:04	NB 49 N010635 1 Bay Area Limited 6:35 6:45 6:56 6:59 9:19 9:33 9:19 9:33 9:52	7:02 	NB 50 N100642 10 Central Valley Limited 6:42 6:52 7:04 7:06 7:15 7:39 8:45 ↓ 9:25 9:30 9:46 10:04 10:19	NB 51 N040646 4 All-Stop Local 6:46 6:56 7:08 7:10 7:18 7:19 7:28 8:19 8:24 9:03 ↓ ↓ 9:04 10:00 10:14 10:24 10:39	NB 52 N020705 2 Express 7:05 7:15 7:26 7:30 9:42 10:10	NB 70 N200733 20 Central Valley Limited 7:33 7:46 8:34 9:13 10:06 10:19 10:29 10:43	NB 71 N210735 21 S.Fern'do Valley Limited 7:35 7:44 7:53 8:14 8:46	NB 53 N140717 14 L.A Merced Local 7:17 7:27 7:39 7:41 7:50 7:59 8:20 8:50 8:54 9:33 9:53	NB 54 N010735 1 Bay Area Limited 7:35 7:45 7:56 8:00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9:37 10:12 10:53 11:07	NB 72 N160803 16 Central Valley Limited 8:03 8:58 9:37 10:18 10:48 11:12	NB 55 N040742 4 All-Stop Local 7:42 7:52 8:04 8:06 8:14 8:15 8:24 9:15 9:20 9:59 ↓ 10:40 10:56 11:10 11:20 11:35	NB 73 N170810 17 S.Fern'do Valley Limited 8:10 8:19 8:29 8:49 10:30 10:46 10:59 11:08 11:22	NB 74 N160833 16 Central Valley Limited 8:33 9:28 10:07 10:48 11:04 11:18 11:42	NB 56 N140812 14 L.A Merced Local 8:12 8:22 8:34 8:36 8:45 8:54 9:14 9:47 9:55 10:34 10:58	NB 75 17 17 S.Fern'do Valley Limited 8:40 8:49 8:58 9:18 11:01 11:17 11:30	NB 57 1 8ay Area Limited 8:35 8:45 8:56 9:00 11:04 11:20 11:34 11:53

File: Timetable v11b.xls Sheet: Ttable Printed: 11/20/2008 3:13 PM Page 1 of 4

CALIFORNIA HIGH-SPEED RAIL PHASE 1 TIMETABLE

VARIATION SERVICE PLAN

	Turns from -	>																																					
APPENDIX B1		Rea	Rea	Mid 1	Rea	Rea	Mid 2	Rea	Rea	Rea	Rea	Mid 1	Rea	Rea	Mid 2	Rea	Rea	Rea	Rea	Mid 1	Rea	Rea	Mid 2	Rea	Rea	Rea	Rea	Mid 1	Rea	Rea	Mid 2	Rea	Rea	Rea	Rea	Mid 1	Rea	Rea	Mid 2
	Direction -	→ SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
	Trainse		43	63	42	64	M6	45	61	65	66	47	46	68	44	49	45	69	50	52	51	71	48	54	49	72	73	74	55	75	53	57	54	2	3	6	M1	7	56
	Train No	→ S010900 → 1	S170903	S160908 16	S040915 4	S170933 17	S160938 16	S150947 15	S141105 14	S011000 1	S171003 17	S161008 16	S041015 4	S171033 17	S161038 16	S151047 15	S141205 14	S011100	S171103	S161108 16	S041115 4	S171133 17	S161138 16	S151147 15	S141305 14	S011200	S171203	S161208 16	S041215 4	S171233	S161238 16	S151247 15	S141405	S011300	S171303 17	S161308 16	S041315 4	S171333 17	S161338 16
Southbound	, attom 2	-	S.Fern'do			S.Fern'do		S.F	L.A	Bay	S.Fern'do		_	S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do	Central		S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do			S.Fern'do		S.F	L.A	Bay	S.Fern'do			S.Fern'do	
·	Service Type ∋	→ Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Valley	Valley
		Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Limited	Local	Limited	Limited
Mile <u>Station</u>																		44.00								10.00									40.00		40.45		
0.0 SFT S.FTra		9:00	9:03	9:08 9:23	9:15 9:30	9:33	9:38 9:53	10:02		10:00	10:03	10:08	10:15 10:30	10:33		10:47 11:02		11:00	11:03		11:15 11:30	11:33		11:47 12:02		12:00	12:03		12:15 12:30	12:33	12:38 12:53			13:00	13:03		13:15 13:30	13:33	13:38 13:53
26.4 RWC Redwoo		p 9:20	9:23	9:33	9:40	9:53	10:03				10:23			10:53					11:23			11:53					12:23		12:40	12:53					13:23			13:53	
48.0 SJC San Jos		p 9:34				10:08					10:38											12:08							12:55								13:55		
77.7 GLY Gilroy	Arr																																						
	Dep		9:53	10:04	10:11	10:23	10:34			10:50	10:53	11:04	11:11	11:23	11:34			11:50	11:53	12:04	12:11	12:23	12:34			12:50	12:53	13:04	13:11	13:23	13:34			13:50	13:53	14:04	14:11	14:23	14:34
187.5 MCD Merced	Arr			+	+		+	11:17	11:05			+	+		+	12:17	12:05			\	+		+	13:17	13:05			. ↓	+	1	. ↓	14:17	14:05			+	+	- 1	+
191.5 FNO Fresno	Dep Arr								11:25								12:25								13:25								14:25						
101.01110 1100.10	Dep			10:45	10:52		11:15		11:42			11:45	11:52		12:15		12:42			12:45	12:52		13:15		13:42			13:45	13:52		14:15		14:42			14:45	14:52		15:15
302.8 BFD Bakersf	ield Arr	r			11:30								12:30								13:30								14:30								15:30		
	Dep			11:24	11:35	\bot	11:54		12:12			12:24	12:35		12:54		13:12			13:24	13:35		13:54		14:12			14:24	14:35		14:54		15:12			15:24	15:35		15:54
387.4 PMD Palmda			11:33		12.00	12:02			12:44		12:33		12.00	13:03			13:44		13:33		14.00	14:03			14:44		14:33		15:09	▼			15:44		15:33		16:09	16:02	
425.7 SYL Sylmar	Dep Dep		11:54			12:03 12:24			13:05		12:54			13:24			14:05		13:54			14:24			15:05		14:54		15:30				16:05		15:54		16:30		
436.3 BUR Burbani					12.00				10.00		12.01		10.00												.0.00				10.00				10.00		10.01		10.00		
	Dep		12:03	*	12:38		*		13:14	*	13:03	*	13:38	13:33	*		14:14	*	14:03	*	14:38	14:33	*		15:14	*	15:03	*	15:38	15:33	*		16:14		16:03	*	16:38	16:33	*
446.6 LAU L.A. Un			12:11	12:25			12:49		13:22	12:53	13:11	13:25		13:41	13:49		14:22		14:11	14:25		14:41	14:49		15:22		15:11	15:25		15:41	15:49		16:22		16:11	16:25		16:41	16:49
461.8 NSF Norwall		p 11:55 r 12:07			12:48 13:00				13:24 13:35	12:55			13:48 14:00				14:24 14:35	13:55			14:48 15:00				15:24	14:55 15:07			15:48 16:00				16:24	15:55 16:07			16:48 17:00		
476.9 ANA Anaheir		12:17			13:10					13:17			14:10				14:46				15:10					15:17			16:10					16:17			17:10		
	Available -	-	12:51	13:05	13:50	13:21	13:29	11:57	14:26	13:57	13:51	14:05	14:50	14:21	14:29	12:57	15:26	14:57	14:51	15:05	15:50	15:21	15:29	13:57	16:26	15:57	15:51	16:05	16:50	16:21	16:29	14:57	17:26	16:57	16:51	17:05	17:50	17:21	17:29
	Turns from -	Reg	Reg	Reg	Shoulder	Reg	Reg	Mid 2	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Mid 2	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Mid 2	Reg	Reg	Reg	Reg	Reg	Reg	Reg	Mid 2	Reg	Reg	Reg	Reg	Reg	Reg	Reg
	Direction -	Reg NB	Reg NB	NB	Shoulder NB	Reg NB	Reg NB	Mid 2 NB	Reg NB	NB	NB	NB	Reg NB	NB	NB	NB	Reg NB	NB	NB	NB	NB	NB	NB	NB	Reg NB	NB	NB	Reg NB	Reg NB	Reg NB	Reg NB	NB	Reg NB	NB	Reg NB	Reg NB	Reg NB	NB	Reg NB
	Direction → Trainse	Reg NB	Reg NB 2 N160903	rtog	00	NB 6	Reg NB 1 N140912	Mid 2 NB 7 N170940	Reg NB 5 N010935		1109	1109	Reg NB 4 N171010	Reg NB 14 N161033	rtog		Reg NB 13 N011035	9			rtog				Reg NB 21 N011135	NB 9		Reg NB 8 N041142	26	Reg NB 41 N161233	Reg NB 25 N141212		16	NB 17	Reg NB 43 N161303	Reg NB 27 N041242	63	Reg NB 64 N161333	Reg NB 62 N141312
	Direction → Trainse	Reg → NB et 53 → N151037 → 15	NB 2 N160903	NB M1	NB 3 N170910 17	NB 6 N160933	NB 1 N140912	NB 7 N170940 17	5 N010935 1	NB 56 N151137	NB 10 N161003	NB M2	4 N171010 17	NB 14 N161033	NB 9 N141012 14	NB 15 N171040	13 N011035	NB 1 N151237	NB 18 N161103	NB M5	NB 19 N171110 17	NB 22 N161133 16	NB 17 N141112 14	NB 23 N171140 17	21 N011135 1	NB 9 N151337 15	NB M3 N161203	8 N041142 4	26 N171210 17	N161233 16	25 N141212 14	NB M4 N171240	16 N011235	NB 17 N151437	43 N161303 16		63 N171310 17	NB 64 N161333 16	N141312
<u>Northbound</u>	Direction → Trainse Train No. → Pattern →	Reg → NB et 53 → N151037 → 15 S.F	NB 2 N160903 16 Central	NB M1 N040842 4	NB 3 N170910 17 S.Fern'do	NB 6 N160933	NB 1 N140912 14 L.A	NB 7	5 N010935 1 Bay	NB 56 N151137 15 S.F	NB 10 N161003 16 Central	NB M2 N040942	4 N171010 17 S.Fern'do	NB 14 N161033 16 Central	NB 9 N141012 14 L.A	NB 15	13 N011035 1 Bay	NB 1 N151237 15 S.F	NB 18 N161103 16 Central	NB M5 N041042	NB 19 N171110 17 S.Fern'do	NB 22 N161133 16 Central	NB 17 N141112 14 L.A	NB 23	21 N011135 1 Bay	NB 9 N151337 15 S.F	NB M3 N161203 16 Central	8 N041142 4	26 N171210 17 S.Fern'do	N161233 16 Central	25 N141212 14 L.A	NB M4	16 N011235 1 o Bay	NB 17 N151437 15 S.F	43 N161303 16 Central	N041242 4	63 N171310 17 S.Fern'do	NB 64 N161333 16 Central	N141312 14 L.A
<u>Northbound</u>	Direction = Trainse Train No. =	Reg → NB et 53 → N151037 → 15 S.F → Merced	NB 2 N160903 16 Central Valley	NB M1 N040842 4 All-Stop	NB 3 N170910 17 S.Fern'dd Valley	NB 6 N160933 16 Central Valley	NB 1 N140912 14 L.A	NB 7 N170940 17 S.Fern'do Valley	5 N010935 1 Bay Area	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley	NB M2 N040942 4	4 N171010 17 S.Fern'do Valley	NB 14 N161033 16 Central Valley	NB 9 N141012 14 L.A Merced	NB 15 N171040 17 S.Fern'do Valley	13 N011035 1 Bay Area	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley	NB M5 N041042 4	NB 19 N171110 17 S.Fern'do Valley	NB 22 N161133 16 Central Valley	NB 17 N141112 14 L.A Merced	NB 23 N171140 17 S.Fern'do Valley	21 N011135 1 Bay Area	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley	8 N041142 4 All-Stop	26 N171210 17 S.Fern'do Valley	N161233 16 Central Valley	25 N141212 14 L.A Merced	NB M4 N171240 17 S.Fern'dd Valley	16 N011235 1 O Bay Area	NB 17 N151437 15 S.F Merced	43 N161303 16 Central Valley	4 All-Stop	63 N171310 17 S.Fern'do Valley	NB 64 N161333 16 Central Valley	N141312 14 L.A Merced
	Direction → Trainse Train No. → Pattern →	Reg → NB et 53 → N151037 → 15 S.F	NB 2 N160903 16 Central	NB M1 N040842 4	NB 3 N170910 17 S.Fern'do	NB 6 N160933 16 Central Valley	NB 1 N140912 14 L.A	NB 7 N170940 17	5 N010935 1 Bay	NB 56 N151137 15 S.F	NB 10 N161003 16 Central	NB M2 N040942	4 N171010 17 S.Fern'do Valley	NB 14 N161033 16 Central	NB 9 N141012 14 L.A	NB 15 N171040 17 S.Fern'do Valley	13 N011035 1 Bay	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central	NB M5 N041042 4	NB 19 N171110 17 S.Fern'do Valley	NB 22 N161133 16 Central	NB 17 N141112 14 L.A	NB 23 N171140 17 S.Fern'do Valley	21 N011135 1 Bay	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central	8 N041142 4 All-Stop	26 N171210 17 S.Fern'do Valley	N161233 16 Central	25 N141212 14 L.A Merced	NB M4 N171240	16 N011235 1 O Bay Area	NB 17 N151437 15 S.F Merced	43 N161303 16 Central	4 All-Stop	63 N171310 17 S.Fern'do Valley	NB 64 N161333 16 Central	N141312 14 L.A
Northbound Mile Station 0.0 ANA Anaheir	Direction -2 Trainse Train No2 Pattern -2 Service Type -2	Reg → NB et 53 → N151037 → 15 S.F → Merced Local	NB 2 N160903 16 Central Valley	NB M1 N040842 4 All-Stop	NB 3 N170910 17 S.Fern'dd Valley	NB 6 N160933 16 Central Valley	NB 1 N140912 14 L.A	NB 7 N170940 17 S.Fern'do Valley	5 N010935 1 Bay Area	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley	NB M2 N040942 4	4 N171010 17 S.Fern'do Valley	NB 14 N161033 16 Central Valley	NB 9 N141012 14 L.A Merced	NB 15 N171040 17 S.Fern'do Valley	13 N011035 1 Bay Area	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley	NB M5 N041042 4	NB 19 N171110 17 S.Fern'do Valley	NB 22 N161133 16 Central Valley	NB 17 N141112 14 L.A Merced	NB 23 N171140 17 S.Fern'do Valley	21 N011135 1 Bay Area	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley	8 N041142 4 All-Stop	26 N171210 17 S.Fern'do Valley	N161233 16 Central Valley	25 N141212 14 L.A Merced	NB M4 N171240 17 S.Fern'dd Valley	16 N011235 1 O Bay Area	NB 17 15 15 S.F Merced Local	43 N161303 16 Central Valley	4 All-Stop	63 N171310 17 S.Fern'do Valley	NB 64 N161333 16 Central Valley	N141312 14 L.A Merced
Mile <u>Station</u> 0.0 ANA Anaheir 15.0 NSF Norwalk	Direction = Trainse Train No. = Pattern = Service Type = Trainse	Reg NB et 53 N151037 15 S.F Merced Local	NB 2 N160903 16 Central Valley	NB M1 N040842 4 All-Stop Local 8:42 8:52	NB 3 N170910 17 S.Fern'dd Valley	NB 6 N160933 16 Central Valley	NB 1 N140912 14 L.A Merced Local 9:12 9:22	NB 7 N170940 17 S.Fern'do Valley	5 N010935 1 Bay Area Limited 9:35 9:45	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley	NB M2 N040942 4 All-Stop Local 9:42 9:52	4 N171010 17 S.Fern'do Valley	NB 14 N161033 16 Central Valley	NB 9 N141012 14 L.A Merced Local 10:12	NB 15 N171040 17 S.Fern'do Valley	13 N011035 1 Bay Area Limited 10:35 10:45	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley	NB M5 N041042 4 All-Stop Local 10:42 10:52	NB 19 N171110 17 S.Fern'do Valley	NB 22 N161133 16 Central Valley	NB 17 N141112 14 L.A Merced Local 11:12	NB 23 N171140 17 S.Fern'do Valley	21 N011135 1 Bay Area Limited 11:35 11:45	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley	8 N041142 4 All-Stop Local 11:42 11:52	26 N171210 17 S.Fern'do Valley	N161233 16 Central Valley	25 N141212 14 L.A Merced Local 12:12	NB M4 N171240 17 S.Fern'dd Valley	16 N011235 1 0 Bay Area Limited 12:35 12:45	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley	N041242 4 All-Stop Local 12:42 12:52	63 N171310 17 S.Fern'do Valley	NB 64 N161333 16 Central Valley	N141312 14 L.A Merced Local 13:12 13:22
Mile <u>Station</u> 0.0 ANA Anaheir	Direction = Trainse Train No. = Pattern = Service Type = Trainse Train No. = Pattern = Trainse Dept. Trainse	Reg NB et 53 N151037 15 S.F Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04	NB 3 N170910 17 S.Fern'dd Valley Limited	NB 6 N160933 16 Central Valley Limited	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34	NB 7 N170940 17 S.Fern'do Valley Limited	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04	4 N171010 17 S.Fern'do Valley Limited	NB 14 N161033 16 Central Valley Limited	NB 9 N141012 14 L.A Merced Local 10:12 10:22 10:34	NB 15 N171040 17 S.Fern'do Valley Limited	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley Limited	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04	NB 19 N171110 17 S.Fern'do Valley Limited	NB 22 N161133 16 Central Valley Limited	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34	NB 23 N171140 17 S.Fern'do Valley Limited	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited	8 N041142 4 All-Stop Local 11:42 11:52 12:04	26 N171210 17 S.Fern'do Valley Limited	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34	NB M4 N171240 17 S.Fern'di Valley Limited	16 N011238 1 0 Bay Area Limited 12:35 12:45	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	All-Stop Local 12:42 12:52 13:04	63 N171310 17 S.Fern'do Valley Limited	NB 64 N161333 16 Central Valley Limited	N141312 14 L.A Merced Local 13:12 13:22 13:34
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un	Direction = Trainse Train No. = Pattern = Service Type = Deg Constant	Reg → NB et 53 → N151037 → 15 S.F → Merced Local	NB 2 N160903 16 Central Valley	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06	NB 3 N170910 17 S.Fern'dd Valley Limited	NB 6 N160933 16 Central Valley Limited	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36	NB 7 N170940 17 S.Fern'do Valley Limited	5 N010935 1 Bay Area Limited 9:35 9:45	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06	4 N171010 17 S.Fern'do Valley Limited	NB 14 N161033 16 Central Valley Limited	NB 9 N141012 14 L.A Merced Local 10:12 10:22 10:34 10:36	NB 15 N171040 17 S.Fern'do Valley Limited	13 N011035 1 Bay Area Limited 10:35 10:45	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley Limited	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04 11:06	NB 19 N171110 17 S.Fern'do Valley Limited	NB 22 N161133 16 Central Valley	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34 11:36	NB 23 N171140 17 S.Fern'do Valley Limited	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:06	26 N171210 17 S.Fern'do Valley Limited	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36	NB M4 N171240 17 S.Fern'dd Valley Limited	16 N011235 1 0 Bay Area Limited 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley	All-Stop Local 12:42 12:52 13:04 13:06	63 N171310 17 S.Fern'do Valley Limited	NB 64 N161333 16 Central Valley Limited	14 L.A Merced Local 13:12 13:22 13:34 13:36
Mile <u>Station</u> 0.0 ANA Anaheir 15.0 NSF Norwalk	Direction = Trainse Train No. = Pattern = Service Type = Deg Constant	Reg NB et 53 N151037 15 S.F Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04	NB 3 N170910 17 S.Fern'dd Valley Limited 9:10 9:19	NB 6 N160933 16 Central Valley Limited	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34	NB 7 N170940 17 S.Fern'do Valley Limited	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14	4 N171010 17 S.Fern'do Valley Limited	NB 14 N161033 16 Central Valley Limited	NB 9 N141012 14 L.A Merced Local 10:12 10:22 10:34	NB 15 N171040 17 S.Fern'do Valley Limited	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley Limited	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04	NB 19 N171110 17 S.Fern'do Valley Limited	NB 22 N161133 16 Central Valley Limited	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34	NB 23 N171140 17 S.Fern'do Valley Limited 11:40 11:49	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:06	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45	NB M4 N171240 17 S.Fern'di Valley Limited	16 N011235 1 0 Bay Area Limited 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	All-Stop Local 12:42 12:52 13:04 13:06	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19	NB 64 N161333 16 Central Valley Limited	N141312 14 L.A Merced Local 13:12 13:22 13:34
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbank	Direction =: Trainse Train No. =: Pattern =: Service Type =: M Dep K Dep ion Sta. Arr Dep K Dep Dep Dep	Reg → NB et 53 → N151037 → 15 S.F → Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15	NB 3 N170910 17 S.Fern'dc Valley Limited 9:10 9:19 9:29	NB 6 N160933 16 Central Valley Limited	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:45	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:58	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:15	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19	NB 14 N161033 16 Central Valley Limited	NB 9 N141012 14 L.A Merced Local 10:12 10:22 10:34 10:36 10:45 10:54	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley Limited	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04 11:15	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34 11:34 11:45	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:06 12:14 12:15	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45 12:54	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	N041242 4 All-Stop Local 12:42 12:52 13:04 13:06 13:14 13:15	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited	N141312 14 L.A Merced Local 13:12 13:22 13:34 13:36 13:45 13:54
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda	Direction = Trainse Train No. = Pattern = Service Type = M Deg K Deg ion Sta. Arr Deg K Deg L D	Reg NB et 53 N151037 15 S.F Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24	NB 3 N170910 17 S.Fern'dd Valley Limited 9:10 9:19	NB 6 N160933 16 Central Valley Limited	NB 1 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:45 9:54	NB 7 N170940 17 S.Fern'do Valley Limited 9:40 9:49	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:15 10:24	4 N171010 17 S.Fern'do Valley Limited 10:10	NB 14 N161033 16 Central Valley Limited	NB 9 N141012 14 L.A Merced Local 10:12 10:22 10:34 10:36 10:45 10:54	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced	NB 18 N161103 16 Central Valley Limited	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04 11:14 11:15 11:24	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34 11:34 11:45 11:54	NB 23 N171140 17 S.Fern'do Valley Limited 11:40 11:49	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited	8 NO41142 4 All-Stop Local 11:42 11:52 12:04 12:06 12:14 12:15	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45 12:54	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	All-Stop Local 12:42 12:52 13:04 13:06 13:14 13:15	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19	NB 64 N161333 16 Central Valley Limited	14 LA Merced Local 13:12 13:22 13:34 13:36 13:45 13:54
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbank 51.1 SYL Sylmar	Direction = Trainse Train No. = Pattern = Service Type = Deg Deg Deg Deg Deg Deg Deg Deg Deg De	Reg NB et 53 NI51037 S.F Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24 10:15	NB 3 N170910 17 S.Fern'dc Valley Limited 9:10 9:19 9:29	NB 6 N16093 16 Central Valley Limited	NB 1 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:45 9:54	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:58	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 Nt61003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 10:24 11:15	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19	NB 14 Ntifi03 16 Central Valley Limited	NB 9 114 L.A Merced Local 10:12 10:34 10:36 10:45 10:54 11:14 11:47	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced Local	NB 18 NI61103 16 Central Valley Limited	NB M5 M041042 4 All-Stop Local 10:42 10:52 11:04 11:15 11:24 12:15	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited	NB 17 NH1112 14 L.A Merced Local 11:12 11:22 11:34 11:36 11:45 11:54	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 Nt61203 166 Central Valley Limited	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:06 12:14 12:15 12:24 13:15	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45 12:54 13:14 13:47	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	N041242 4 All-Stop Local 12:42 12:52 13:04 13:16 13:14 13:15 13:24 14:15	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited	13:12 13:12 13:22 13:34 13:36 13:45 13:54 14:14 14:47
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf	Direction = Trainse Train No. = Pattern = Service Type = Dep Dep C Dep ion Sta. Arr Dep k Dep Dep k Dep Dep k Dep Dep k Dep Dep ield Arr Dep	Reg → NB et 53 → NI51037 → 15 S.F → Merced Local	NB 2 N160903 16 Central Valley Limited	NB M1 N040842 4 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24	NB 3 N170910 17 S.Fern'dc Valley Limited 9:10 9:19 9:29	NB 6 N16093 16 Central Valley Limited	NB 1 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:45 9:54	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:58	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 N161003 16 Central Valley Limited	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 10:24 11:15	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19	NB 14 N161033 16 Central Valley Limited	NB 9 114 L.A Merced Local 10:12 10:34 10:36 10:45 10:54 11:14 11:47	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced Local	NB 18 N161103 16 Central Valley Limited	NB M5 M041042 4 All-Stop Local 10:42 10:52 11:04 11:15 11:24 12:15	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34 11:34 11:45 11:54	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 Nt61203 166 Central Valley Limited	8 NO41142 4 All-Stop Local 11:42 11:52 12:04 12:06 12:14 12:15	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	N161233 16 Central Valley Limited	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45 12:54	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited	All-Stop Local 12:42 12:52 13:04 13:06 13:14 13:15	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited	13:12 13:12 13:22 13:34 13:36 13:45 13:54
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Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf	Direction = Trainso Train No. = Pattern = Service Type = Service Type = Output Deg K Deg ion Sta. Arr Deg K Deg ield Arr Deg Arr Deg Arr	Reg Reg NB et 53 NI51037 S.F Merced Local	NB 2 N160903 16 Central Valley Limited 9:03 9:58	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24 10:15 10:20	NB 3 N170910 17 S.Fern'dc Valley Limited 9:10 9:19 9:29	NB 6 N160933 16 Central Valley Limited 9:33 10:28 11:07	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:45 9:54 10:14 10:55	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:58	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced Local	NB 10 NB 10 NB 100 NB 1	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 10:24 11:15 11:20	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19	NB 14 N61013 16 Central Valley Limited 10:33	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:45 10:54 11:14 11:47 11:55	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced Local	NB 18 N161103 16 Central Valley Limited 11:03 11:58	NB M5 M5 M041042 4 4 All-Stop Local 10:42 10:52 11:04 11:06 11:14 11:15 11:24 12:15 12:20 12:59	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited 11:33 12:28 13:07	NB 17 N141112 14 L.A Merced Local 11:12 11:22 11:34 11:36 11:45 11:54 12:47 12:55	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced Local	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:16 12:14 12:15 12:24 13:15 13:20 13:59	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	16 Central Valley Limited 12:33 13:28	25 N141212 14 L.A Merced Local 12:12 12:22 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N15137 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03	N041242 4 All-Stop Local 12:42 12:52 13:04 13:14 13:15 13:24 14:15 14:20 14:59	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07	13:12 13:12 13:12 13:22 13:34 13:45 13:45 14:14 14:47 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced	Direction = Trainse Train No. = Pattern = Service Type = Dep Dep Dep Arr Dep	Reg Reg NB et 53 NI51037 S.F Merced Local	NB 2 N160903 16 Central Valley Limited 9:03	NB M1 N040842 4 4 All-Stop Local 8:42 8:52 9:04 9:06 9:15 9:24 10:15 10:20	NB 3 N170910 17 S.Fern'dc Valley Limited 9:10 9:19 9:29	NB 6 N60933 166 Central Valley Limited	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:36 9:45 10:14 10:47 10:55	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:58	5 N010935 1 Bay Area Limited 9:35 9:45 9:56	NB 56 N151137 15 S.F Merced	NB 10 NB 10 NB 100 NB 1	NB M2 Nd0942 4 All-Stop Local 9:42 9:52 10:04 10:14 10:15 10:24 11:15 11:20	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19	NB 14 N161033 16 Central Valley Limited 10:33	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:54 11:14 11:55 12:34	NB 15 N17104 117 S.Fern'do Valley Limited 10:40 10:49	13 N011035 1 Bay Area Limited 10:35 10:45 10:56	NB 1 N151237 15 S.F Merced Local	NB 18 N161103 16 Central Valley Limited 11:03	NB M5 M45 M5 M65 M65 M65 M65 M65 M65 M65 M65 M65	NB 19 N17110 17 S.Fern'do Valley Limited 11:10 11:19	NB 22 N161133 16 Central Valley Limited 11:33	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58	21 N011135 1 Bay Area Limited 11:35 11:45 11:56	NB 9 N151337 15 S.F Merced	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:14 12:15 12:24 13:15 13:20	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	N161233 16 Central Valley Limited 12:33	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 17 S.Fern'dd Valley Limited 12:40 12:49 12:58	16 N011239 1 0 Bay Area Limitec 12:35 12:45 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03	N041242 4 All-Stop Local 12:42 12:52 13:04 13:14 13:15 13:24 14:15 14:20	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited	13:12 13:12 13:12 13:22 13:34 13:36 13:45 13:45 14:14 14:47 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwall 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno	Direction = Trainse Train No. = Pattern = Service Type = Service Type = Output Deg K Deg K Deg Le Arr Deg Arr Deg Arr Deg Arr	Reg Reg NB et 53 NI51037 S.F Merced Local	NB 2 1160903 16 Central Valley Limited 9:03 9:58 10:37 ▼	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24 10:15 10:20	NB 3 N170011 177 S.Fern'dc Valley Limited 9:10 9:19 9:29 9:49	NB 6 N16093 16 Central Valley Limited 9:33 10:28 11:07	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:36 9:45 10:14 10:47 10:55	NB 7 170940 17 S.Fern'do Valley Limited 9:40 9:49 9:58 10:18	5 N010935 1 Bay Area Limited 9:35 9:45 9:56 10:00	NB 56 N151137 15 S.F Merced Local	NB 10 NB 10 NB 100 NB 1	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 11:20 11:59 ↓	4 N171010 17 S.Fern'do Valley Limited 10:10 10:19 10:28	NB 14 N161033 16 Central Valley Limited 10:33 11:28	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:54 11:14 11:55 12:34	NB 15 N171040 177 S.Fern'do Valley Limited 10:40 10:49 10:58	13 N011035 1 Bay Area Limited 10:35 10:45 10:56 11:00	NB 1 N151237 15 S.F Merced Local	NB 18 18 1103 16 Central Valley Limited 11:03 11:58	NB M5 M5 M041042 4 All-Stop Local 10:42 10:52 11:04 11:06 11:14 11:15 11:24 12:15 12:20 12:59 ↓	NB 19 177 177 S.Fern'do Valley Limited 11:10 11:19 11:28 11:48	NB 22 N161133 16 Central Valley Limited 11:33 12:28 13:07	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55	NB 23 N1711140 17 S.Fern'do Valley Limited 11:40 11:49 11:58 12:18	21 N011135 1 Bay Area Limited 11:35 11:45 11:56 12:00	NB 9 N15137 15 S.F Merced Local	NB M3 N161203 160 Central Valley Limited 12:03 12:58	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:06 12:14 12:15 12:24 13:15 13:20 13:59 ↓	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	16 Central Valley Limited 12:33 13:28	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 17 S.Fern'dı Valley Limited 12:40 12:49 12:58	16 N011235 1 0 Bay Area Limited 12:35 12:45 13:00	NB 17 N15137 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03	N041242 4 All-Stop Local 12:42 12:52 13:06 13:14 13:15 13:24 14:15 14:20 ↓	63 N171310 17 17 S.Fern'do Valley Limited 13:10 13:19 13:28	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07	13:12 13:12 13:12 13:22 13:34 13:36 13:45 13:45 14:14 14:47 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced	Direction = Trainse Train No. = Pattern = Service Type = Service Type = One One One One One One One One One On	Reg Reg NB et 53 NI51037 515 S.F Merced Local	NB 2 1160903 16 Central Valley Limited 9:03 9:58 10:37 ↓	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 10:15 10:20 10:59	NB 3 N17001 197 S.Fern'dd Valley Limited 9:10 9:19 9:29 9:49	NB 6 10 16 0 Central Valley Limited 9:33 10:28 11:07	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:36 9:45 10:14 10:47 10:55	NB 7 N170940 17 S.Fern'do Valley Limited 9:40 9:49 9:58 10:18	5 N010935 1 Bay Area Limited 9:35 9:45 9:56 10:00	NB 56 N151137 15 S.F Merced Local	NB 10 N161003 16 Central Valley Limited 10:03 10:58	NB M2 Nd0942 4 All-Stop Local 9:42 9:52 10:04 10:16 10:14 11:15 11:20 11:59	4 N171010 17 S.Fern'do Valley Limited 10:19 10:28 10:48	NB 14 N161033 16 Central Valley Limited 10:33	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:54 11:14 11:55 12:34	NB 15 N171040 177 S.Fern'do Valley Limited 10:40 10:49 10:58	13 N011035 1 Bay Area Limited 10:35 10:45 10:56 11:00 1 1:00	NB 1 1 15 15 15 15 15 15 15 15 15 15 15 15	NB 18 N161103 16 Central Valley Limited 11:03 11:58 12:37	NB M5 No41042 4 All-Stop Local 10:42 10:52 11:04 11:06 11:14 12:15 12:20 12:59	NB 19 N711110 17 S.Fern'do Valley Limited 11:10 11:19 11:28 11:48	NB 22 N161133 16 Central Valley Limited 11:33 12:28 13:07	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55	NB 23 N171140 17 S.Fern'do Valley Limited 11:40 11:58 12:18	21 N011135 1 Bay Area Limited 11:35 11:45 12:00	NB 9 N151337 15 S.F Merced Local	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37	8 N041142 4 All-Stop Local 11:42 11:52 12:06 12:14 12:15 12:24 13:15 13:20 13:59 ↓	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28	16 Central Valley Limited 12:33 13:28 14:07	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 177 S.Fern'de Valley Limited 12:40 12:58 13:18	16 N011235 1 0 Bay Area Limitec 12:35 12:56 13:00	NB 17 N151437 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03 13:58 14:37 ↓	N041242 4 All-Stop Local 12:42 12:52 13:04 13:14 13:15 13:24 14:15 14:20 ↓	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28 13:48	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07 ↓	13:12 13:12 13:22 13:34 13:34 13:45 13:54 14:14 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwall 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood	Direction = Trainso Train No. = Pattern = Service Type = Service Type = One of the part	Reg Reg NB et 53 NIS1037 S.F Merced Local P P P P P P P P P P P P P P P P P P	NB 2 116903 16 Central Valley Limited 9:03 9:58 10:37 11:18 11:34 11:48	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 9:24 10:15 10:20 10:59 ↓ 11:40 11:56 12:10	NB 3 N17001 177 S.Fern'dd Valley Limited 9:10 9:19 9:29 9:49 11:30 11:46 11:59	NB 6 N160933 16 Central Valley Limited 9:33 10:28 11:07	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:36 9:45 10:14 10:47 10:55	NB 7 N170940 177 S.Fern'do Valley Limited 9:40 9:49 9:58 10:18 12:01 12:17 12:30	5 N010935 1 1 Bay Area Limited 9:35 9:45 9:56 10:00	NB 56 N151137 15 S.F Merced Local 11:37 12:12 12:28 12:43	NB 10 NB 10 NB 100 NB 1	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 11:20 11:59 12:40 12:56 13:10	10:10 177 S.Ferrido Valley Limited 10:10 10:19 10:28 10:48 12:29 12:45 12:58	NB 14 N161033 16 Central Valley Limited 10:33 11:28 12:07 12:48 13:04 13:18	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:54 11:14 11:55 12:34	NB 15 N171040 177 S.Fern'do Valley Limited 10:40 10:58 11:18 13:01 13:17 13:30	13 N011035 1 Bay Area Limited 10:35 10:45 10:56 11:00 13:04 13:20 13:34	NB 1 1 15 S.F Merced Local 12:37 13:12 13:28 13:43	NB 18 N161103 16 Central Valley Limited 11:03 11:58 12:37 13:18 13:34 13:48	NB M5 M65 M041042 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NB 19 17 S.Fern'do Valley Limited 11:10 11:128 11:48 13:29 13:45 13:58	NB 22 N161133 16 Central Valley Limited 11:33 12:28 13:07 13:48 14:04 14:18	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55	NB 23 N171140 17 S.Fern'do Valley Limited 11:40 11:49 11:58 12:18	21 N011135 1 Bay Area Limited 11:35 11:45 11:56 12:00	NB 9 N15137 15 S.F Merced Local 13:37 14:12 14:28 14:43	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37	8 N041142 4 All-Stop Local 11:42 12:04 12:06 12:14 12:15 12:24 13:15 13:20 13:59 ↓	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28 12:48 14:29 14:45 14:58	N161233 16 Central Valley Limited 12:33 13:28 14:07 ↓	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 17 S.Fern'do Valley Limited 12:40 12:49 12:58 13:18 15:01 15:17 15:30	16 N011238 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NB 177 15137 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03 13:58 14:37 ↓	N041242 4 All-Stop Local 12:42 12:52 13:04 13:15 13:24 14:15 14:20 14:59 ↓ 15:40 15:56 16:10	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28 13:48	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07 15:48 16:04 16:18	13:12 13:12 13:22 13:34 13:34 13:45 13:54 14:14 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwall 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwod 462.2 SFO Millbrae	Direction = Trainso Train No. = Pattern = Service Type = Service Type = Deption Sta. Arr See Deption Sta. Arr	Reg Reg NB et 53 NIS1037 S.F Merced Local P P P P T P P T P P T T P P T T T T T	9:03 10 Central Valley Limited 9:03 11:18 11:34 11:48	NB M1 N40842 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 10:15 10:20 11:40 11:56 12:10 12:20	NB 3 N17001 177 S.Fern'dc Valley Limited 9:10 9:19 9:29 9:49 11:30 11:46 11:59 12:08	NB 6 N16093 16 Central Valley Limited 9:33 10:28 11:07 11:48 12:04 12:18	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:36 9:45 10:14 10:47 10:55	NB 7 N170940 17 S.Fern'do Valley Limited 9:40 9:49 9:58 10:18 12:01 12:17 12:30	5 N010935 1 1 Bay Area Limited 9:35 9:45 9:56 10:00	NB 56 N151137 15 S.F Merced Local 11:37 12:12 12:28 12:43 12:53	NB 10 M16103 166 Central Valley Limited 10:03 10:58 11:37	NB M2 N040942 4 All-Stop Local 9:42 9:52 10:04 10:06 10:14 10:15 11:59 12:40 12:56 13:10 13:20	10:10 170 S.Fern'do Valley Limited 10:10 10:19 10:28 10:48 12:29 12:45 12:45 12:45	NB 14 Nitious 16 Central Valley Limited 10:33 11:28 12:07 12:48 13:04 13:18	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:54 11:14 11:55 12:34	NB 15 N171040 177 S.Fern'do Valley Limited 10:40 10:49 10:58 11:18 13:01 13:17 13:30	13 N011035 1 Bay Area Limited 10:35 10:45 10:56 11:00 13:04 13:20 13:34	NB 1 NIS1237 15 S.F Merced Local 12:37 13:12 13:28 13:43 13:53	NB 18 N161103 16 Central Valley Limited 11:03 11:58 12:37 13:18 13:34 13:48	NB M5 M5 M041042 4 4 All-Stop Local 10:42 10:52 11:04 11:06 11:14 11:15 11:24 12:15 12:20 12:59 13:40 13:56 14:10 14:20	NB 19 N771110 17 S.Fern'do Valley Limited 11:10 11:19 11:28 11:48	NB 22 N1611133 16 Central Valley Limited 11:33 12:28 13:07 13:48 14:04 14:18	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55	NB 23 N771140 17 S.Fern'do Valley Limited 11:40 11:49 11:58 12:18 14:01 14:17 14:30	21 N011135 1 Bay Area Limited 11:35 11:45 12:00 14:04 14:04 14:20 14:34	NB 9 N15137 15 S.F Merced Local 13:37 14:12 14:28 14:43 14:53	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37 44:18 14:34 14:48	8 N041142 4 All-Stop Local 11:42 11:52 12:04 12:14 12:15 12:24 13:15 13:20 13:59 ↓	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28 12:48	12:33 16 Central Valley Limited 12:33 13:28 14:07 14:48 15:04 15:18	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55	NB M4 N171240 17 S.Fern'di Valley Limited 12:40 12:49 12:58 13:18 15:01 15:17 15:30	16 N011235 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NB 177 151 15 S.F Merced Local 14:37 15:12 15:28 15:43 15:53	43 N161303 16 Central Valley Limited 13:03 13:58 14:37 ↓ 15:18 15:34 15:34	N041242 4 All-Stop Local 12:42 12:52 13:04 13:06 13:14 13:15 14:20 14:59 ↓ 15:40 15:56 16:10 16:20	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28 13:48 15:29 15:45 15:58	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07	13:12 13:12 13:22 13:34 13:34 13:45 13:54 14:14 14:55
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwall 30.3 LAU L.A. Un 40.6 BUR Burbanl 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood	Direction = Trainso Train No. = Pattern = Service Type = Service Type = Deption Sta. Arr D	Reg Reg NB et 53 NIS1037 S.F Merced Local P P P P P P P P P P P P P P P P P P	9:03 9:58 10:37 11:18 11:34 11:48 12:12	NB M1 N040842 4 All-Stop Local 8:42 8:52 9:04 9:06 9:14 9:15 10:20 10:59 11:40 11:56 12:10 12:20 12:35	NB 3 N17001 177 S.Fern'dd Valley Limited 9:10 9:19 9:29 9:49 11:30 11:46 11:59 12:08	NB 6 N160933 16 Central Valley Limited 9:33 10:28 11:07	NB 1 N140912 14 L.A Merced Local 9:12 9:22 9:34 9:36 9:45 9:54 10:14 10:47 10:55 11:34	NB 7 N170940 17 S.Fern'do Valley Limited 9:40 9:49 9:58 10:18 12:01 12:17 12:30 12:50	5 N010935 1 1 Bay Area Limited 9:35 9:45 9:56 10:00 12:04 12:20 12:34	NB 56 N151137 15 S.F Merced Local 11:37 12:12 12:28 12:43 12:53 13:07	NB 10 NB 10 NB 100 NB 1	NB M2 Ndevise M2 Ndevi	10:10 17 S.Fern'do Valley Limited 10:10 10:10 10:19 10:28 10:48 12:29 12:45 12:58 13:18	NB 14 N161033 16 Central Valley Limited 10:33 11:28 12:07 12:48 13:04 13:18 13:42	NB 9 N141012 14 L.A Merced Local 10:12 10:34 10:36 10:45 10:54 11:14 11:47 11:55 12:34 12:58	NB 15 N171040 17 S.Fern'do Valley Limited 10:40 10:58 11:18 13:01 13:17 13:30 13:50	13 N011035 1 Bay Area Limited 10:35 10:45 10:56 11:00 13:04 13:20 13:34 13:53	NB 1 N151237 15 S.F Merced Local 12:37 13:12 13:28 13:43 13:53 14:07	NB 18 N161103 16 Central Valley Limited 11:03 11:58 12:37 13:18 13:34 13:48 14:12	NB M5 N041042 4 All-Stop Local 10:42 10:52 11:04 11:06 11:14 11:15 11:24 12:15 12:20 12:59	NB 19 17 S.Fern'do Valley Limited 11:10 11:128 11:48 13:29 13:45 13:58 14:18	NB 22 N161133 16 Central Valley Limited 11:33 12:28 13:07 13:48 14:04 14:18 14:14 14	NB 17 N141112 14 L.A Merced Local 11:12 11:34 11:36 11:45 11:54 12:14 12:47 12:55 13:34 13:58	NB 23 N171140 17 S.Fern'do Valley Limited 11:40 11:49 11:58 12:18 14:01 14:17 14:30 14:50	21 N011135 1 Bay Area Limited 11:35 11:45 11:56 12:00 14:04 14:04 14:20 14:34	NB 9 N15137 15 S.F Merced Local 13:37 14:12 14:28 14:43 14:53 15:07	NB M3 N161203 16 Central Valley Limited 12:03 12:58 13:37 14:18 14:34 14:48 15:12	8 N041142 4 All-Stop Local 11:42 12:04 12:15 12:24 13:15 13:20 13:59 ↓ 14:40 14:56 15:10 15:20 15:35	26 N171210 17 S.Fern'do Valley Limited 12:10 12:19 12:28 12:48 14:29 14:45 14:58	12:33 16 Central Valley Limited 12:33 13:28 14:07 ↓ 14:48 15:04 15:18 15:42	25 N141212 14 L.A Merced Local 12:12 12:34 12:36 12:45 12:54 13:14 13:47 13:55 14:34 14:58	NB M4 N171240 17 S.Fern'di Valley Limited 12:40 12:49 12:58 13:18 15:01 15:17 15:30	16 N011235 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NB 177 15137 15 S.F Merced Local	43 N161303 16 Central Valley Limited 13:03 13:58 14:37 ↓ 15:18 15:34 15:34	N041242 4 All-Stop Local 12:42 12:52 13:04 13:06 13:14 13:15 14:20 14:59 ↓ 15:40 15:56 16:10 16:20	63 N171310 17 S.Fern'do Valley Limited 13:10 13:19 13:28 13:48 15:29 15:45 15:58	NB 64 N161333 16 Central Valley Limited 13:33 14:28 15:07	13:12 13:12 13:22 13:34 13:34 13:45 13:54 14:14 14:55

CALIFORNIA HIGH-SPEED RAIL

PHASE 1 TIMETABLE VARIATION SERVICE PLAN

VARIATION SERVICE		·——																																				
	Turns from -	-																																				
APPENDIX B1	Direction -	Reg SR	Reg SB	Reg	Reg SB	Mid 1	Reg	Reg	Mid 2 SB	Reg SB	Peak O/T SB	Reg SB	Peak SB	Peak Ext SB	Peak O/T SB	Peak SB	Peak SB	Peak SB	Reg SB	Peak O/T SB	Reg SB	Peak SB	Peak O/T SB	Peak O/T SB	Peak SB	Peak SB	Peak SB	Reg SB	Peak O/T SB	Reg SB	Peak SB	Peak O/T SB	Peak O/T SB	Peak SR	Peak SB	Peak SB		Reg Reg SB SB
	Trains		57	10	4	14	M2	15	1	13	5	18	19	22	M5	67	23	9	21	13	M3	26	41	8	70	M4	17	16	21	43	63	64	27	24	M6	25		16 47
		→ S151347	S141505	S011400	S171403	S161408	S041415	S171433	S161438	S151447	S141605	S011500	S191503	S101508	S041514	S021530	S211533	S201539	S151547	S141705	S011600	S191603	S181608	S041614	S021630	S211633	S201639	S151647	S141805	S011700	S191703	S181708	S041714	S021730	S211733	S201739		141905 S011800
	Pattern -		14	1	17	16	4	17	16	15	14	_1	19	10	4	2	21	20	15	14	1	19	18	4	2	21	20	15	14	1	19	18	4	2	21	20		14 1
<u>Southbound</u>		S.F	L.A		S.Fern'do		All Cton	S.Fern'do		S.F	L.A		S.Fern'do		All Class		S.Fern'do		S.F	L.A			Central	All Cham		S.Fern'do		S.F	L.A	,	S.Fern'do		All Class		S.Fern'do	Central		A Bay
	Service Type -			Area	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Everence	Valley	Valley	Merced	Merced	Area	Valley		All-Stop	Evproce	Valley	Valley	Merced	Merced	Area	Valley	Valley	All-Stop	Everence	Valley	Valley		erced Area
Mile Station		Local	Local	Lillinea	Lillilleu	Littilled	Local	Lillilled	Littilleu	Local	Local	Limited	Limited	Littilleu	Local	Express	Littilled	Limited	Local	Local	Limited	Limited	Limited	Local	Express	Littilled	Limited	Local	Local	Limited	Limited	Limited	Local	Express	Limited	Limited	Local I	ocal Limited
0.0 SFT S.FTra	nshav De	p 13:47		14:00	14:03	14:08	14:15	14.33	14.38	14-47		15:00	15:03	15:08	15:14	15:30	15:33	15:39	15:47		16:00	16:03	16:08	16:14	16:30	16:33	16:39	16:47		17:00	17:03	17:08	17:14	17:30	17:33	17:39	17:47	18:00
14.7 SFO Millbrae		p 14:02			14.00		14:30	14.00		15:02				15:23	15:29			15:54					16:23					17:02				17:23				17:54		
26.4 RWC Redwood		p 14:12		14:20	14:23	14:33		14:53				15:20	15:23	15:33	15:39			16:04			16:20	16:23	16:33	16:39			17:04	17:12		17:20	17:23	17:33	17:39			18:04	18:12	18:20
48.0 SJC San Jos	e De	p 14:27		14:34	14:38	14:48	14:55	15:08	15:18	15:27		15:34	15:38	15:48	15:54	15:59	16:03	16:19	16:27		16:34	16:38	16:48	16:54	16:59	17:03	17:19	17:27		17:34	17:38	17:48	17:54	17:59	18:03	18:19	18:27	18:34
77.7 GLY Gilroy	Ar														16:08	1		1						17:08	1		1						18:08	1		1		
407.5 MOD. M		p 14:43		14:50	14:53	15:04	15:11	15:23	15:34			15:50	15:53	16:04	16:14		16:20		16:43		16:50	16:53	17:04	17:14		17:20		17:43		17:50	17:53	18:04	18:14		18:20		18:43	18:50
187.5 MCD Merced	Ari De	r 15:17	15:05			\	+		\	16:17	16:05			\	+				17:17	17:05			+	\				18:17	18:05			+	\				19:17	9:05
191.5 FNO Fresno	Arı		15:25								16:25			16:44	16:55			+		17:05			17:44	17:55			+		18:25			18:44	18:55			+		9:25
.00.110 1100110	De		15:42			15:45	15:52		16:15		16:35				17:00			17:11		17:35				18:00			18:11		18:35				19:00			19:11		9:42
302.8 BFD Bakersf							16:30				17:15						+			18:15						*			19:15						+			
-	De	р	16:12			16:24	16:35		16:54		17:20				17:39		17:34	17:50		18:20				18:39		18:34	18:50		19:20				19:39		19:34	19:50	2	0:12
387.4 PMD Palmda			l		*			*	1		l		*									V		7					l		*							
105 7 0) // 0 /	De		16:44		16:33		17:09				17:53			17:58			18:06			18:53		18:33		19:12		19:06			19:53		19:33	19:58			20:06			0:44
425.7 SYL Sylmar 436.3 BUR Burbank	De Ar		17:05		16:54		17:30	17:24			18:14		17:54		18:33		18:27	18:38		19:14		18:54		19:33		19:27	19:38		20:14		19:54		20:33		20:27	20:38	2	1:05
430.3 BUN Buibaili	. An		17:14	+	17:03	. ↓	17:38	17:33	\		18:22	+		18:36	18:41	. ↓	18:35			19:22	. ↓		19:26	19:41	. ↓	19:35			20:22	¥		20:26	20:41	₩	20:35		2	1:14
446.6 LAU L.A. Uni			17:22	16:53		17:25			17:49		18:31	17:53	18:07	18:38	18:49	18:10		18:51		19:31	18:53	19:07			19:10					19:53		20:36		20:10	20:44			1:22 20:53
	De		17:24	16:55			17:48				18:33	17:55		18:40	18:51	18:12				19:33	18:55			19:51	19:12					19:55				20:12				1:24 20:55
461.8 NSF Norwalk	Ar	r					18:00				18:44	18:07			19:03	18:23				19:44	19:07			20:03	19:23				20:44				21:03					1:35 21:07
476.9 ANA Anaheir	n Ar	r	17:46	17:17			18:10				18:54	18:17		18:59	19:13	18:34				19:54	19:17			20:13	19:34				20:54	20:17			21:13	20:34			2	1:46 21:17
	Turns from -																																					
		Mid 2	Reg	Reg NB	Reg NB	Reg NR	Reg NR	Reg NR	Reg NR	Reg NIR	Reg	Reg NR	Peak NR	Reg NB	Peak NB	Peak NR	Peak NR		Peak O/T	Reg NB	Reg	Peak NR	Peak NB	Reg NB	Peak NIR	Peak NB	Peak NR	Peak O/T	Reg NR	Reg NR	Peak NB	Peak Ext	Reg NB	Peak NR	Peak NR	Peak NB		Reg Reg
	Turns from - Direction - Trains	Mid 2 → NB	NB	NB	NB	Reg NB 42	Reg NB 47	Reg NB 68	NB	Reg NB 44	NB	NB	NB	NB	NB	Peak NB 11	NB	Peak NB 48	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	Reg NB 49	NB	Peak NB 3	NB	NB	NB	Peak NB 7	NB	NB	NB NB
	Direction - Trains Train No	Mid 2 → NB et M6 → N171340	9	NB 25 N151537		NB	NB 47 N171410	NB	NB 65 N141412	NB		NB 62 N151634	NB 50 N191502	NB 46 N041442	NB 52 N181507	NB	NB 71 N201533	NB 48 N211535	NB 69 N141517	NB 65 N151734	NB 45	NB 73 N191602	NB 74 N181607	NB 51 N041546		NB 75 N201633	NB 53 N211635	NB 72 N141617	49	NB 69 N151834	NB	NB 20 N101642			NB 7 N201733	NB 56 N211735	NB 2 N141717 N	NB NB 72 54 N011735
	Direction -	Mid 2 → NB et M6 → N171340 → 17	NB 24 N011335	NB 25 N151537 15	NB 66 N161403	NB 42	NB 47 N171410	NB 68 N161433	NB 65 N141412 14	NB 44 N171440 17	NB 61 N011435	NB 62 N151634 15	NB 50 N191502	NB 46 N041442 4	NB 52 N181507	NB 11	NB 71 N201533 20	NB 48 N211535 21	NB 69 N141517 14	NB 65 N151734	NB 45 N011535	NB 73 N191602 19	NB 74 N181607 18	NB 51	NB 12	NB 75 N201633 20	NB 53 N211635 21	NB 72 N141617 14	49 N011635	NB 69 N151834	NB 3 N191702 19	NB 20 N101642 10	NB 55	NB 6	NB 7 N201733 20	NB 56 N211735 21	NB 2 N141717 N 14	NB NB 72 54 N011735 15 1
<u>Northbound</u>	Direction - Trainso Train No Pattern -	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do	NB 24 N011335 1 Bay	NB 25 N151537 15 S.F	NB 66 N161403 16 Central	NB 42 N041342 4	NB 47 N171410 17 S.Fern'do	NB 68 N161433	NB 65 N141412 14 L.A	NB 44 N171440 17 S.Fern'do	NB 61 N011435 1 Bay	NB 62 N151634 15 S.F	NB 50 N191502 19 S.Fern'do	NB 46 N041442 4	NB 52 N181507 18 Central	NB 11	NB 71 N201533 20 Central	NB 48 N211535 21 S.Fern'do	NB 69 N141517 14 L.A	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay	NB 73 N191602 19 S.Fern'do	NB 74 N181607 18 Central	NB 51 N041546 4	NB 12	NB 75 N201633 20 Central	NB 53 N211635 21 S.Fern'do	NB 72 N141617 14 L.A	49 N011635 1 Bay	NB 69 N151834 15 S.F	NB 3 N191702 19 S.Fern'do	NB 20 N101642 10 Central	NB 55 N041646 4	NB 6	NB 7 N201733 20 Central	NB 56 N211735	NB 2 N141717 N 14 L.A	NB NB 72 54 151934 N011735 1 5.F Bay
<u>Northbound</u>	Direction - Trains Train No	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do Valley	NB 24 N011335 1 Bay Area	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley	NB 42 N041342 4 All-Stop	NB 47 N171410 17 S.Fern'do Valley	NB 68 N161433 16 Central Valley	NB 65 N141412 14 L.A Merced	NB 44 N171440 17 S.Fern'do Valley	NB 61 N011435 1 Bay Area	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley	NB 46 N041442 4 All-Stop	NB 52 N181507 18 Central Valley	NB 11 N021505 2	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141517 14 L.A Merced	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area	NB 73 N191602 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley	NB 51 N041546 4 All-Stop	NB 12 N021605 2	NB 75 N201633 20 Central Valley	NB 53 N211635 21 S.Fern'do Valley	NB 72 N141617 14 L.A Merced	49 N011635 1 Bay Area	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley	NB 20 N101642 10 Central Valley	NB 55 N041646 4 All-Stop	NB 6 N021705 2	NB 7 N201733 20 Central Valley	NB 56 N211735 21 S.Fern'do Valley	NB 2 N141717 N 14 L.A S Merced N	NB NB NB 72 54 N011735 15.F Bay Area
	Direction - Trainso Train No Pattern -	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do	NB 24 N011335 1 Bay	NB 25 N151537 15 S.F	NB 66 N161403 16 Central	NB 42 N041342 4	NB 47 N171410 17 S.Fern'do	NB 68 N161433	NB 65 N141412 14 L.A	NB 44 N171440 17 S.Fern'do	NB 61 N011435 1 Bay	NB 62 N151634 15 S.F	NB 50 N191502 19 S.Fern'do	NB 46 N041442 4 All-Stop	NB 52 N181507 18 Central Valley	NB 11 N021505 2	NB 71 N201533 20 Central	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141517 14 L.A	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area	NB 73 N191602 19 S.Fern'do Valley	NB 74 N181607 18 Central	NB 51 N041546 4 All-Stop	NB 12	NB 75 N201633 20 Central Valley	NB 53 N211635 21 S.Fern'do Valley	NB 72 N141617 14 L.A	49 N011635 1 Bay	NB 69 N151834 15 S.F	NB 3 N191702 19 S.Fern'do	NB 20 N101642 10 Central	NB 55 N041646 4 All-Stop	NB 6 N021705 2	NB 7 N201733 20 Central	NB 56 N211735 21 S.Fern'do Valley	NB 2 N141717 N 14 L.A S Merced N	NB NB 72 54 151934 N011735 1 5.F Bay
Mile <u>Station</u>	Direction - Trains Train No Pattem - Service Type -	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do → Valley Limited	NB 24 N011335 1 Bay Area	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley	NB 42 N041342 4 All-Stop	NB 47 N171410 17 S.Fern'do Valley	NB 68 N161433 16 Central Valley	NB 65 N141412 14 L.A Merced	NB 44 N171440 17 S.Fern'do Valley Limited	NB 61 N011435 1 Bay Area	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley	NB 46 N041442 4 All-Stop	NB 52 N181507 18 Central Valley	NB 11 N021505 2	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141517 14 L.A Merced	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area	NB 73 N191602 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley	NB 51 N041546 4 All-Stop	NB 12 N021605 2 Express	NB 75 N201633 20 Central Valley	NB 53 N211635 21 S.Fern'do Valley	NB 72 N141617 14 L.A Merced Local	49 N011635 1 Bay Area	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley	NB 20 N101642 10 Central Valley Limited	NB 55 N041646 4 All-Stop	NB 6 N021705 2 Express	NB 7 N201733 20 Central Valley	NB 56 N211735 21 S.Fern'do Valley	NB 2 N141717 N 14 L.A S Merced N	NB 72 54 151934 N011735 1 5 1 6.F Bay erced Area Limited
	Direction - Trains Train No Pattem - Service Type -	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do → Valley Limited	NB 24 N011335 1 Bay Area Limited	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley	NB 42 N041342 4 All-Stop Local	NB 47 N171410 17 S.Fern'do Valley	NB 68 N161433 16 Central Valley	NB 65 N141412 14 L.A Merced Local	NB 44 N171440 17 S.Fern'do Valley Limited	NB 61 N011435 1 Bay Area Limited	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley	NB 46 N041442 4 All-Stop Local	NB 52 N181507 18 Central Valley	NB 11 N021505 2	NB 71 N201533 20 Central Valley	NB 48 N211535 21 S.Fern'do Valley	NB 69 N141517 14 L.A Merced Local	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited	NB 73 N191602 19 S.Fern'do Valley	NB 74 N181607 18 Central Valley	NB 51 N041546 4 All-Stop Local	NB 12 N021605 2 Express	NB 75 N201633 20 Central Valley	NB 53 N211635 21 S.Fern'do Valley	NB 72 N141617 14 L.A Merced Local	N011635 1 Bay Area Limited	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley	NB 20 N101642 10 Central Valley Limited	NB 55 N041646 4 All-Stop Local	NB 6 N021705 2 Express	NB 7 N201733 20 Central Valley	NB 56 N211735 21 S.Fern'do Valley	NB 2 N141717 N 14 L.A S Merced W Local	NB NB NB 72 54 N011735 15.F Bay Area
Mile <u>Station</u> 0.0 ANA Anaheir	Direction - Trains Train No Pattern - Service Type - Department Departmen	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do → Valley Limited	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04	NB 47 N171410 17 S.Fern'do Valley Limited	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34	NB 44 N171440 17 S.Fern'do Valley Limited	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04	NB 52 N181507 18 Central Valley Limited	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited	NB 53 N211635 21 S.Fern'do Valley Limited	NB 72 N141617 14 L.A Merced Local 16:17 16:27	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley Limited	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited	NB 56 N211735 21 S.Fern'do Valley Limited	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni	Direction - Trains Train No Pattern - Service Type - Dej on Sta. An	Mid 2 → NB et M6 → N171340 → 17 S.Fern'do → Valley Limited	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06	NB 47 N171410 17 S.Fern'do Valley Limited	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34 14:36	NB 44 N171440 17 S.Fern'do Valley Limited	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:06	NB 52 N181507 18 Central Valley Limited	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10	NB 12 N021605 2 Express 16:05 16:15	NB 75 N201633 20 Central Valley Limited	NB 53 N211635 21 S.Fern'do Valley Limited	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41	49 N011635 1 Bay Area Limited 16:35 16:45	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley Limited	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited	NB 56 N211735 21 S.Fern'do Valley Limited	NB 2 N141717 N 14 L.A S Merced N Local 17:17 17:27 17:39 17:41	NB 72 54 54 8011735 15
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank	Direction - Trains Train No Pattern - Service Type - De De On Sta. Arr	Mid 2 NB et M6 N171340 → 17 S.Fern'do → Valley Limited p p p p p 13:40 p 13:49	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06 14:14	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:49	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:06 15:14	NB 52 N181507 18 Central Valley Limited 15:07 15:16	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:16	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited	NB 53 N211635 21 S.Fern'do Valley Limited	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley Limited	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited	NB 56 N211735 21 S.Fern'do Valley Limited 17:35	NB 2 N141717 N 14 L.A : Merced V Local 17:17 17:27 17:39 17:41 17:50	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar	Direction - Trains Train No Pattern - Service Type - Del Don Sta. Ar Del	Mid 2 NB et M6 N171340 N3 NFerrido Valley Limited P P P 13:40 P 13:58	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06 14:14	NB 47 N171410 17 S.Fern'do Valley Limited	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45	NB 44 N171440 17 S.Fern'do Valley Limited	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:06	NB 52 N181507 18 Central Valley Limited	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited	NB 53 N211635 21 S.Fern'do Valley Limited	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N191702 19 S.Fern'do Valley Limited	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited	NB 56 N211735 21 S.Fern'do Valley Limited	NB 2 N141717 N 14 L.A : Merced V Local 17:17 17:27 17:39 17:41 17:50	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank	Direction - Trains Train No Pattern - Service Type - Del On Sta. An Del Del Del Del	Mid 2 NB et M6 N171340 N3 NFerrido Valley Limited P P P 13:40 P 13:58	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:15	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 LA Merced Local 14:12 14:22 14:34 14:34 14:35 14:54	NB 44 N171440 17 S.Fern'do Valley Limited 14:40 14:49	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:15 15:14	NB 52 N181507 18 Central Valley Limited 15:07 15:16	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:16	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited	NB 53 N211635 21 S.Fern'do Valley Limited	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15	NB 55 N041646 4 All-Stop Local 16:46 17:08 17:19	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited	NB 56 N211735 21 S.Fern'do Valley Limited 17:35	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar	Direction - Trains Train No Pattern - Service Type - Depois De	Mid 2 NB et M6 N171340 → 17 S.Ferndo → Valley Limited P P P P 13:40 P 13:49 P 14:18	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:15	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 LA Merced Local 14:12 14:22 14:34 14:34 14:35 14:54	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:14 15:15	NB 52 N181507 18 Central Valley Limited 15:07 15:16	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N21153 21 S.Fern'do Valley Limited 15:35 15:44 15:53	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:16	NB 51 N041546 4 All-Stop Local 15:46 16:08 16:18 16:19	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 17:04 17:05 17:15	NB 55 N041646 4 All-Stop Local 16:46 17:08 17:19	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited 17:33 17:46	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf	Direction - Trains Train No Pattern - Service Type - Depois De	Mid 2 NB et M6 N171340 17 S.Fern'do Valley Limited P P P P 13:40 P 13:58 P 14:18	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:16 14:15 14:24	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N161433 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:34 14:36 14:45 14:54	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:14 15:15 15:24	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N21153 21 S.Fern'do Valley Limited 15:35 15:44 15:53	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 15:59 16:20 16:50	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited	NB 74 N181607 18 Central Valley Limited 16:07 16:16	NB 51 N041546 4 All-Stop Local 15:46 16:08 16:10 16:18 16:28 17:19	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:20 17:50	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 17:04 17:05 17:15	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:18 17:19 17:28	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 8 17 17 17 17 17 17 17 17 17 17 17 17 17	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53	NB 2 N141717 N 14 L.A : Merced N Local 17:17 17:27 17:39 17:41 17:50 17:59 18:20 18:50	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda	Direction - Trains Train No Pattern - Service Type - Del Do	Mid 2 NB et M6 N171340 Naley Limited P P P P P P P P P P P P P P P P P P P	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:14 14:15 14:24 15:15 15:20	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N16133 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34 14:45 14:54 15:14 15:55	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N04142 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:24 16:15 16:20	NB 52 N181507 18 Central Valley Limited 15:07 15:16 15:40	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:59 16:50 16:50 16:54	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 17:19 17:24	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A. Merced Local 16:17 16:27 16:39 16:41 16:59 17:50 17:54	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:18 17:19 17:28 18:19 18:24	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14	NB 2 N141717 N 14 L.A : Merced M Local I 17:17 17:27 17:39 17:41 17:50 17:59 18:20 18:50 18:54	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno	Direction - Trains Train No Pattern - Service Type - Delion Sta. An Delion	Mid 2 NB et M6 N171340 17 S.Fern'do Valley Limited P P P 13:40 P 13:58 r P 14:18	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06 14:14 14:15 14:24 15:15	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N16133 16 Central Valley Limited	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N04142 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:24 16:15 16:20	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:59 16:20 16:50 16:54 17:33	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 17:19 17:24	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:28 18:19	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 8 17 17 17 17 17 17 17 17 17 17 17 17 17	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf	Direction - Trains Train No Pattern - Service Type - Delegon Sta. Arr Delegon Sta. Arr Delegon Arr Delegon Arr Delegon Arr Delegon Arr	Mid 2 NB et M6 N171340 → 17 S.Fern'do → Valley Limited P P P P 13:40 P 13:58 P 14:18	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced Local	NB 66 N161403 16 Central Valley Limited	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06 14:14 14:15 15:20 15:59	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N16133 16 Central Valley Limited	NB 65 N141412 14 L.A Merced Local 14:12 14:22 14:34 14:45 14:54 15:14 15:55	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced Local	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N04142 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:24 16:15 16:20	NB 52 N181507 18 Central Valley Limited 15:07 15:16 15:40	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:59 16:50 16:50 16:54	NB 65 N151734 15 S.F Merced Local	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 17:19 17:24	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A. Merced Local 16:17 16:27 16:39 16:41 16:59 17:50 17:54	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced Local	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:18 17:19 17:28 18:19 18:24	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1 5 6.F Bay erced .o.cal Limited 17:35 17:45 17:56 18:00
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced	Direction - Trains Train No Pattern - Service Type - Delion Sta. An Delion	Mid 2 NB et M6 N171340 N3 Fern'do N3 Fern'do N3 Fern'do N4 Fern'do N4 Fern'do N5 Fern'do N5 Fern'do N6 Fern'd	NB 24 N011335 1 Bay Area Limited 13:35 13:45 13:56	NB 25 N151537 15 S.F Merced	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:14 14:15 14:24 15:15 15:20	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 N161433 16 Central Valley Limited 14:33 15:28 16:07	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 44 N171440 177 S.Fern'do Valley Limited 14:40 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N0411442 4 All-Stop Local 14:42 14:52 15:04 15:15 15:24 16:15 16:20	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40 16:45 ↓	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:59 16:20 16:50 16:54 17:33	NB 65 N151734 15 S.F	NB 45 N011535 1 Bay Area Limited 15:35 15:45	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40 17:45	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 17:19 17:24	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:52 17:04 17:06 17:15 17:39	NB 55 N041646 4 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24 19:03	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno	Direction - Trains Train No Pattern - Service Type - Del Del On Sta. An Del Del Del Del An Del An Del An Del An Del An Del An	Mid 2 NB et M6 N171340 N3 Fern'do N3 Fern'do N3 Fern'do N4 Fern'do N4 Fern'do N5 Fern'do N5 Fern'do N6 Fern'd	NB 24 N01133 1 1 8ay Area Limited 13:35 13:45 13:56 14:00	NB 25 N15157 15 S.F Merced Local	NB 66 Nt61033 16 Central Valley Limited 14:03	NB 42 N041342 4 All-Stop Local 13:42 14:06 14:14 14:15 14:24 15:15 15:20	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28	NB 68 Nt61433 16 Central Valley Limited 14:33	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 44 N171440 17 S.Fern'do Valley Limited 14:49 14:58	NB 61 N011435 1 Bay Area Limited 14:35 14:45	NB 62 N151634 15 S.F Merced Local	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15	NB 46 N0411442 4 All-Stop Local 14:42 14:52 15:04 15:15 15:24 16:15 16:20	NB 52 N18167 18 Central Valley Limited 15:07 15:16 15:40 16:45	NB 11 N021505 2 Express 15:05 15:15 15:26	NB 71 N201533 20 Central Valley Limited 15:33 15:46	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:59 16:20 16:50 16:54 17:33	NB 65 N151734 15 S.F Merced Local	NB 45 N01535 1 Bay Area Limited 15:35 15:45 15:59	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 17:19 17:24 18:03 ↓	NB 12 N021605 2 Express 16:05 16:15 16:26	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 Bay Area Limited 16:35 16:45 16:56	NB 69 N151834 15 S.F Merced Local	NB 3 N1917022 19 S.Fern'do Valley Limited 17:02 17:15	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24	NB 6 N021705 2 Express 17:05 17:15 17:26	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53	NB 2 N141717 N 14 L.A 15 Merced N Local 1 17:17 17:27 17:39 17:41 17:50 17:59 18:20 18:50 18:54 19:33 19:53	NB 72 54 54 151934 N011735 1 5 6.F Bay erced .o.cal Limited 17:35 17:45 17:56 18:00
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos	Direction - Trains Train No Pattern - Service Type - Delegon Sta. Arn Delegon Arn Dele	Mid 2 NB et M6 N171340 17 S.Ferndo Valley Limited P P P P 13:40 P 13:58 P P 14:18 P P P 16:01 P 16:01	NB 24 No11335 1 Bay Area Limited 13:35 13:45 14:00 16:04 16:20	NB 25 N151537 15 S.F Merced Local 15:37 16:12 16:28	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37 16:18 16:34	NB 42 N041342 All-Stop Local 13:42 13:52 14:04 14:06 14:14 14:15 14:24 15:15 15:20 15:59	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28 14:48	NB 68 N16132 166 Central Valley Limited 14:33 15:28 16:07 16:48 17:04	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 44 44 177 147 177 178 179 179 179 179 179 179 179 179 179 179	NB 61 N011435 1 Bay Area Limited 14:35 14:45 14:56 14:59	NB 62 N151634 15 S.F Merced Local	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15 15:36	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:15 15:24 16:15 16:20 16:59	NB 52 N181507 18 Central Valley Limited 15:07 15:16 16:45 17:25 17:30 17:46	NB 11 N021505 2 Express 15:05 15:15 15:26 15:30	NB 71 N201533 20 Central Valley Limited 15:33 15:46 16:34 17:13	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46 18:00 18:16	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 16:50 16:54 17:33	NB 65 N151734 15 S.F Merced Local 17:34 18:09 18:25	NB 45 N011535 1 Bay Area Limited 15:35 15:45 15:56 15:59 18:03 18:19	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40 17:45 18:25 18:30 18:46	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 16:19 17:24 18:03 18:44 19:00	NB 12 N021605 2 Express 16:05 16:15 16:26 16:30 18:42	NB 75 N201633 20 Central Valley Limited 16:33 16:46 18:13	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14 17:46 19:00 19:16	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 1 Bay Area Limited 16:35 16:45 16:56 16:59	NB 69 N151834 15 S.F Merced Local	NB 3 N191702 19 S.Fern'do Valley Limited 17:02 17:15 17:36	NB 20 N101642 10 Central Valley Limited 16:52 17:04 17:06 17:15 17:39 18:45	NB 55 N041646 4 4 4 4 16:56 17:08 17:19 17:28 18:19 18:24 19:03 ↓ 19:44 20:00	NB 6 N021705 2 Express 17:05 17:15 17:26 17:30	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34 19:13 20:06	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14 18:46	NB 2 N141717 N 14 L.A	NB 72 54 54 NB 1735 15 1
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood	Direction - Trains Train No Pattern - Service Type - Delegon Sta. Arr Delegon Arr	Mid 2 NB et M6 N171340 17 S.Fern'do Valley Limited P P P P 13:40 P 13:49 P 14:18 P P P P P P P P P P P P P P P P P P P	NB 24 No1132 1 1 8ay Area Limited 13:35 13:45 13:56 14:00 16:04 16:20 16:34	NB 25 N151537 15 S.F Merced Local 15:37 16:12 16:28 16:43	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37 16:18 16:34 16:48	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:06 14:14 14:15 14:24 15:15 15:20 15:59 ↓ 16:40 16:56 17:10	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28 14:48	NB 68 N16132 16 Central Valley Limited 14:33 15:28 16:07 16:48 17:04 17:18	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 44 N17140 177 S.Fern'do Valley Limited 14:40 14:49 14:58 15:18 17:01 17:17 17:30	NB 61 N011435 1 Bay Area Limited 14:35 14:45 14:56 14:59	NB 62 N151634 15 S.F Merced Local 16:34 17:09 17:25 17:40	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15 15:36 17:32 17:46	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:15 15:24 16:15 16:20 16:59 ↓ 17:40 17:56 18:10	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40 17:25 17:30 17:46	NB 11 N021505 2 Express 15:05 15:15 15:26 15:30	NB 71 N201533 20 Central Valley Limited 15:33 15:46 16:34 17:13 18:06 18:19	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 16:50 16:54 17:33	NB 65 N151734 15 S.F Merced Local 177:34 18:09 18:25 18:40	NB 45 N011535 1 Bay Area Limited 15:35 15:45 15:56 15:59 18:03 18:19 18:33	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36 18:32 18:46	NB 74 N181607 18 Central Valley Limited 16:07 16:40 17:45 18:25 18:30 18:46	NB 51 N041546 4 All-Stop Local 15:46 16:08 16:10 16:18 16:19 17:24 18:03 18:44 19:00 19:14	NB 12 N021605 2 Express 16:05 16:15 16:26 16:30 18:42	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34 18:13 19:06 19:19	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14 17:46 19:00 19:16	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 1 Bay Area Limited 16:35 16:45 16:56 16:59	NB 69 N151834 15 S.F Merced Local 18:34 19:09 19:25 19:40	NB 3 N191702 19 S.Fern'do Valley Limited 17:02 17:15 17:36 19:32 19:46	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39 18:45 19:25 19:30 19:46	NB 55 N041646 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24 19:03 19:44 20:00 20:14	NB 6 N021705 2 Express 17:05 17:15 17:26 17:30	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34 19:13 20:06 20:19	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14 18:46 20:00 20:16	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 15 1 8ay erced Area Limited 17:35 17:45 17:56 18:00
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood 462.2 SFO Millbrae	Direction - Trains Train No Pattern - Service Type - Deleon Sta. An Deleon Sta. An Deleon An A	Mid 2 NB et M6 N171340 N171340 N3 S.Fern'do N3 Valley Limited P P P P P P P P P P P P P P P P P P P	NB 24 No1132 1 1 Bay Area Limited 13:35 13:45 13:56 14:00 16:04 16:20 16:34	NB 25 N151537 15 S.F Merced Local 15:37 16:12 16:28 16:43 16:53	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37 16:18 16:34 16:48	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:16 14:14 14:15 15:20 15:59 ↓ 16:40 16:56 17:10 17:20	NB 47 N71410 17 S.Fern'do Valley Limited 14:10 14:19 14:28 14:48	NB 68 N161433 16 Central Valley Limited 14:33 15:28 16:07 16:48 17:04 17:18	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 444 N171401 17 S.Fern'do Valley Limited 14:40 14:49 14:58 15:18 17:01 17:17 17:30	NB 61 N011435 1 1 Bay Area Limited 14:35 14:45 14:56 14:59 17:03 17:19 17:33	NB 62 N151634 15 S.F Merced Local 16:34 17:09 17:25 17:40 17:50	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15 15:36 17:32 17:46	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:06 15:14 15:15 16:20 16:59 17:40 17:56 18:10 18:20	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40 16:45 17:25 17:30 17:46 18:04	NB 11 N021505 2 Express 15:05 15:15 15:26 15:30	NB 71 N201533 20 Central Valley Limited 15:33 15:46 16:34 17:13 18:06 18:19 18:29	NB 48 N211535 21 S.Fem'do Valley Limited 15:35 15:44 15:53 16:14 16:46 18:00 18:16	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 16:50 16:54 17:33	NB 65 N151734 15 S.F Merced Local 17:34 18:09 18:25 18:40 18:50	NB 45 N01535 1 Bay Area Limited 15:35 15:45 15:56 15:59 18:03 18:19 18:33	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36 18:32 18:46	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40 17:45 18:25 18:36 19:04	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 16:19 16:28 17:19 17:24 18:03 18:44 19:00 19:14 19:24	NB 12 N021605 2 Express 16:05 16:15 16:26 16:30 18:42	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34 18:13 19:06 19:19 19:29	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14 17:46	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 1 Bay Area Limited 16:35 16:45 16:56 16:59	NB 69 N151834 15 S.F Merced Local 18:34 19:09 19:25 19:40 19:50	NB 3 N191702 19 S.Fern'do Valley Limited 17:02 17:15 17:36 19:32 19:46	NB 20 N101642 10 Central Valley Limited 16:52 17:04 17:06 17:15 18:45 19:25 19:30 19:46 20:04	NB 55 N041646 4 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24 19:03 ↓ ↓ ↓	NB 6 N021705 2 Express 17:05 17:15 17:26 17:30	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34 19:13 20:06 20:19 20:29	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14 18:46 20:00 20:16	NB 2 N141717 N 14 L.A	NB 72 54 151934 ND1735 1 15
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood	Direction - Trains Train No Pattern - Service Type - Deleon Sta. An Deleon Sta. An Deleon An A	Mid 2 NB et M6 N171340 17 S.Fern'do Valley Limited P P P P 13:40 P 13:49 P 14:18 P P P P P P P P P P P P P P P P P P P	NB 24 No1132 1 1 Bay Area Limited 13:35 13:45 13:56 14:00 16:04 16:20 16:34	NB 25 N151537 15 S.F Merced Local 15:37 16:12 16:28 16:43 16:53	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37 16:18 16:34 16:48	NB 42 N041342 4 All-Stop Local 13:42 13:52 14:04 14:16 14:14 14:15 15:20 15:59 ↓ 16:40 16:56 17:10 17:20	NB 47 N71410 17 S.Fern'do Valley Limited 14:10 14:19 14:28 14:48	NB 68 N161433 16 Central Valley Limited 14:33 15:28 16:07 16:48 17:04 17:18	NB 65 N14112 14 L.A Merced Local 14:12 14:22 14:34 14:36 14:45 14:54 15:14 15:47 15:55	NB 444 N171401 17 S.Fern'do Valley Limited 14:40 14:49 14:58 15:18 17:01 17:17 17:30	NB 61 N011435 1 Bay Area Limited 14:35 14:45 14:56 14:59	NB 62 N151634 15 S.F Merced Local 16:34 17:09 17:25 17:40 17:50	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15 15:36 17:32 17:46	NB 46 N041442 4 All-Stop Local 14:42 14:52 15:04 15:06 15:14 15:15 16:20 16:59 17:40 17:56 18:10 18:20	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40 16:45 17:25 17:30 17:46 18:04	NB 11 N021505 2 Express 15:05 15:15 15:26 15:30	NB 71 N201533 20 Central Valley Limited 15:33 15:46 16:34 17:13 18:06 18:19 18:29	NB 48 N211535 21 S.Fem'do Valley Limited 15:35 15:44 15:53 16:14 16:46 18:00 18:16	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 16:50 16:54 17:33	NB 65 N151734 15 S.F Merced Local 17:34 18:09 18:25 18:40 18:50	NB 45 N01535 1 Bay Area Limited 15:35 15:45 15:56 15:59 18:03 18:19 18:33	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36 18:32 18:46	NB 74 N181607 18 Central Valley Limited 16:07 16:16 16:40 17:45 18:25 18:36 19:04	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 16:19 16:28 17:19 17:24 18:03 18:44 19:00 19:14 19:24	NB 12 N021605 2 Express 16:05 16:15 16:26 16:30 18:42	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34 18:13 19:06 19:19 19:29	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14 17:46	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:54 18:33	49 N011635 1 1 Bay Area Limited 16:35 16:45 16:56 16:59	NB 69 N151834 15 S.F Merced Local 18:34 19:09 19:25 19:40 19:50	NB 3 N191702 19 S.Fern'do Valley Limited 17:02 17:15 17:36 19:32 19:46	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39 18:45 19:25 19:30 19:46	NB 55 N041646 4 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24 19:03 ↓ ↓ ↓	NB 6 N021705 2 Express 17:05 17:15 17:26 17:30	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34 19:13 20:06 20:19 20:29	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14 18:46 20:00 20:16	NB 2 N141717 N 14 L.A	NB 72 54 54 151934 N011735 15 1 8ay erced Area Limited 17:35 17:45 17:56 18:00
Mile Station 0.0 ANA Anaheir 15.0 NSF Norwalk 30.3 LAU L.A. Uni 40.6 BUR Burbank 51.1 SYL Sylmar 89.4 PMD Palmda 174.1 BFD Bakersf 285.4 FNO Fresno 354.4 MCD Merced 399.2 GLY Gilroy 428.8 SJC San Jos 450.5 RWC Redwood 462.2 SFO Millbrae	Direction - Trains Train No Pattern - Service Type - Delege An Delege Ar	Mid 2 NB et M6 N171340 17 S.Fern'do Valley Limited P P P P P P P P P P P P P P P P P P	NB 24 No11325 1 1 Bay Area Limited 13:35 13:45 13:56 14:00 16:34 16:53	NB 25 N151537 15 S.F Merced Local 15:37 16:12 16:28 16:43 16:53 17:07	NB 66 N161403 16 Central Valley Limited 14:03 14:58 15:37 16:18 16:34 16:48 17:12	NB 42 N041342 All-Stop Local 13:42 13:52 14:04 14:06 14:14 14:15 14:24 15:15 15:20 15:59 16:40 16:56 17:10 17:20 17:35	NB 47 N171410 17 S.Fern'do Valley Limited 14:10 14:19 14:28 14:48 16:29 16:45 16:58	NB 68 N161433 16 Central Valley Limited 14:33 15:28 16:07	NB 65 N14112 14 L.A Merced Local 14:12 14:34 14:36 14:45 14:54 15:14 15:47 15:55 16:34 16:58	NB 44 N17140 177 S.Fern'do Valley Limited 14:40 14:49 14:58 15:18 17:01 17:17 17:30 17:50	NB 61 N011435 1 Bay Area Limited 14:35 14:45 14:56 14:59 17:03 17:19 17:33 17:52	NB 62 N151634 15 S.F Merced Local 16:34 17:09 17:25 17:40 18:04	NB 50 N191502 19 S.Fern'do Valley Limited 15:02 15:15 15:36 17:32 17:46 18:06	NB 46 N041442 All-Stop Local 14:42 14:52 15:04 15:16 15:14 15:15 15:24 16:15 16:20 16:59 ↓ 17:40 17:56 18:10 18:20 18:35	NB 52 NB1507 18 Central Valley Limited 15:07 15:16 15:40 16:45 ↓ 17:25 17:30 17:46 18:04 18:19	NB 11 N021505 2 Express 15:05 15:15 15:26 15:30 17:42	NB 71 N201533 20 Central Valley Limited 15:33 15:46 16:34 17:13 18:06 18:19 18:29 18:43	NB 48 N211535 21 S.Fern'do Valley Limited 15:35 15:44 15:53 16:14 16:46	NB 69 N141517 14 L.A Merced Local 15:17 15:27 15:39 15:41 15:50 15:59 16:20 16:50 16:54 17:33 17:53	NB 65 N151734 15 S.F Merced Local 17:34 18:09 18:25 18:40 19:04	NB 45 N011535 1 Bay Area Limited 15:35 15:45 15:56 15:59 18:03 18:19 18:33 18:52	NB 73 N191602 19 S.Fern'do Valley Limited 16:02 16:15 16:36 18:32 18:46 19:06	NB 74 N181607 18 Central Valley Limited 16:07 16:40 17:45	NB 51 N041546 4 All-Stop Local 15:46 15:56 16:08 16:10 16:18 16:19 17:24 18:03 ↓ 18:44 19:00 19:14 19:24 19:39	NB 12 N021605 2 Express 16:05 16:15 16:26 16:30 18:42 19:10	NB 75 N201633 20 Central Valley Limited 16:33 16:46 17:34 18:13 19:06 19:19 19:29 19:43	NB 53 N211635 21 S.Fern'do Valley Limited 16:35 16:44 16:53 17:14 17:46 19:00 19:16 19:49	NB 72 N141617 14 L.A Merced Local 16:17 16:27 16:39 16:41 16:50 17:50 17:50 17:54 18:33 18:53	49 N011635 1 1 Bay Area Limited 16:35 16:45 16:56 16:59 19:03 19:19 19:33	NB 69 N151834 15 S.F Merced Local 18:34 19:09 19:25 19:40 19:50 20:04	NB 3 N191702 19 S.Fern'do Valley Limited 17:02 17:15 17:36 19:32 19:46 20:06	NB 20 N101642 10 Central Valley Limited 16:42 16:52 17:04 17:06 17:15 17:39 18:45 ↓ 19:25 19:30 19:46 20:04 20:19	NB 55 N041646 4 4 All-Stop Local 16:46 16:56 17:08 17:10 17:18 17:19 17:28 18:19 18:24 19:03 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	NB 6 N021705 2 Express 17:05 17:15 17:26 17:30 19:42 20:10	NB 7 N201733 20 Central Valley Limited 17:33 17:46 18:34 19:13 20:06 20:19 20:29 20:43	NB 56 N211735 21 S.Fern'do Valley Limited 17:35 17:44 17:53 18:14 18:46 20:00 20:16 20:49	NB 2 N141717 N 14 L.A	NB 72 54 151934 ND1735 1 15

CALIFORNIA HIGH-SPEED RAIL

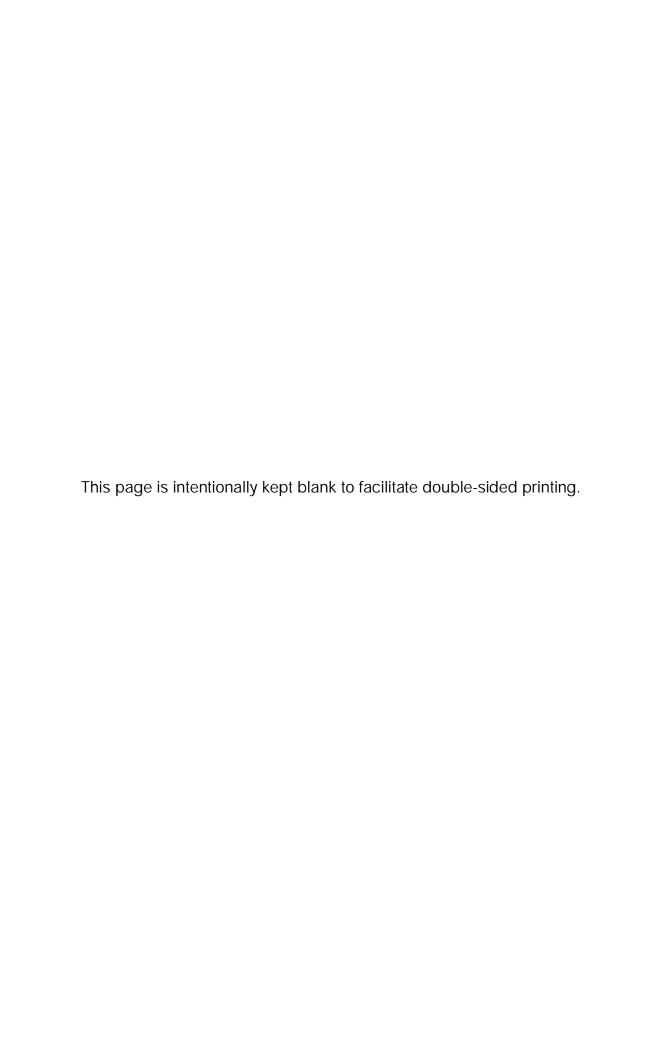
PHASE 1 TIMETABLE

VARIATION S	SERVICE PLAN																	
	Turns from →																	
APPENDIX B1		Reg	Mid 1	Reg	Reg	Mid 2	Reg	Night O/T	Reg	Reg	Night	Mid 1	Reg	Reg	Night	Reg	Reg	Night
	Direction →	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
	Trainsei Train No. →		68 S161808	44 S041815	61 S171833	62 S161838	50 S151847	66 S142005	11 S011900	52 S171910	46 S041914	71 S161935	73 S151947	74 S012000	51 S042014	3 S152047	20 S012100	55 S042114
	Pattern →		16	4	17	16	15	14	1	17	4	16	15	1	4	15	1	4
Southbound	1	S.Fern'do	Central		S.Fern'do	Central	S.F	L.A	Bay	S.Fern'do		Central	S.F	Bay		S.F	Bay	
	Service Type →	Valley	Valley	All-Stop	Valley	Valley	Merced	Merced	Area	Valley	All-Stop	Valley	Merced	Area	All-Stop	Merced	Area	All-Stop
		Limited	Limited	Local	Limited	Limited	Local	Local	Limited	Limited	Local	Limited	Local	Limited	Local	Local	Limited	Local
Mile Statio	_																	
		18:03	18:08	18:15	18:33	18:38	18:47		19:00	19:10	19:14	19:35	19:47	20:00	20:14	20:47	21:00	21:14
14.7 SFO	Millbrae Dep Redwood City Dep	18:23	18:23 18:33	18:30 18:40	18:53	18:53 19:03	19:02 19:12		19:20	19:30	19:29 19:39	19:50 20:00	20:02	20:20	20:29	21:02 21:12	21:20	21:29 21:39
	San Jose Dep		18:48	18:55	19:08	19:18	19:27		19:34	19:45	19:54	20:15	20:12	20:34	20:54	21:27	21:34	21:54
77.7 GLY		10.00	10.10	10.00	10.00	10.10	10.27		10.04	10.10	10.01	20.10	ZU.ZI	20.01	20.01	21.21	21.01	21.01
	Dep	18:53	19:04	19:11	19:23	19:34	19:43		19:50	20:00	20:10	20:31	20:43	20:50	21:10	21:43	21:50	22:10
187.5 MCD	Merced Arr			1	1	1	20:17		1	1	1		21:17	ı		22:17		1
	Dep		▼	•		•		20:05			•	•			•			V
191.5 FNO			40.45	40 =0		00.45		20:25				04.40						00.54
202 0 DED	Dep Bakersfield Arr		19:45	19:52 20:30		20:15		20:30			20:51	21:12			21:51			22:51
302.0 DFD	Bakersfield Arr Dep		20:24	20:35		20:54		21:08 21:13			21:30	21:51			22:30			23:30
387.4 PMD		+	1	20.00	+	20.04		21.10		+	21.00	1.01			22.00			20.00
	Dep	20:33		21:09	21:03			21:45		21:40	22:03				23:03			0:03
425.7 SYL	Sylmar Dep	20:54		21:30	21:24			22:06		22:01	22:24				23:24			0:24
436.3 BUR								l									1	
440.0 1.411	Dep	21:03	V	21:38	21:33	V		22:14	04.50	22:10	22:32				23:32			0:32
446.6 LAU	L.A. Union Sta. Arr	21:11	21:25	21:46	21:41	21:49		22:23	21:53	22:18	22:40	22:52		22:53	23:40		23:53	0:40
461.8 NSF	Norwalk Arr			21:48 22:00				22:25 22:37	21:55		22:42 22:55			22:55 23:07	23:42 23:55		23:55 0:07	0:42 0:55
476.9 ANA				22:10				22:46	22:17		23:04			23:17	0:04		0:17	1:04
																		-
	Available → Turns for →	21:51	22:05	22:50	22:21	22:29	20:57	23:26	22:57	22:58	23:44	23:32	21:57	23:57	0:44	22:57	0:57	1:44
	Tullis IOI >																	
	Turns from →																	
	Turns from →	Pen	Ron	Ren	Pen	Ren	Ren	Pon	Pen	Ren	Night	Pen	Pen	Ren	Night	Night O/T	Pon	Night
	Turns from →	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Reg NB	Night NB	Reg NB	Reg NB	Reg NB	Night NB	Night O/T	Reg NB	Night NB
		NB	NB 14		NB 15	NB 10	NB 1	NB 2		NB 19	NB M2	NB 18	NB 23	NB 67	NB 5	NB M3	NB 70	NB 13
	Direction → Trainsei Train No. →	NB 4 N161803	NB 14 N171810	NB M1 N041746	NB 15 N161833	NB 10 N141812	NB 1 N171840	NB 2 N152034	NB 57 N011835	NB 19 N161913	NB M2 N041855	NB 18 N141912	NB 23 N171940	NB 67 N011935	NB 5 N041955	NB M3 N142020	NB 70 N012035	NB 13 N042055
Northbound	Direction → Trainset	NB 4 N161803 16	NB 14 _{N171810} 17	NB M1	NB 15 N161833 16	NB 10 N141812 14	NB 1 N171840 17	NB 2 N152034 15	NB 57 N011835 1	NB 19 N161913 16	NB M2	NB 18 N141912 14	NB 23 N171940 17	NB 67 N011935 1	NB 5	NB M3 N142020 14	NB 70 N012035	NB 13
<u>Northbound</u>	Direction → Trainsei Train No. → Pattern →	NB 4 N161803 16 Central	NB 14 N171810 17 S.Fern'do	NB M1 N041746 4	NB 15 N161833 16 Central	NB 10 N141812 14 L.A	NB 1 N171840 17 S.Fern'do	NB 2 N152034 15 S.F	NB 57 N011835 1 Bay	NB 19 N161913 16 Central	NB M2 N041855 4	NB 18 N141912 14 L.A	NB 23 N171940 17 S.Fern'do	NB 67 N011935 1 Bay	NB 5 N041955 4	NB M3 N142020 14 L.A	NB 70 N012035 1 Bay	NB 13 N042055 4
Northbound	Direction → Trainsei Train No. →	NB 4 N161803 16 Central	NB 14 _{N171810} 17	NB M1 N041746 4 All-Stop	NB 15 N161833 16 Central Valley	NB 10 N141812 14	NB 1 N171840 17	NB 2 N152034 15	NB 57 N011835 1	NB 19 N161913 16	NB M2 N041855	NB 18 N141912 14	NB 23 N171940 17	NB 67 N011935 1	NB 5 N041955	NB M3 N142020 14	NB 70 N012035	NB 13 N042055 4 All-Stop
Northbound Mile Static	Direction → Trainset Train No. → Pattern → Service Type →	NB 4 N161803 16 Central Valley	NB 14 N171810 17 S.Fern'do Valley	NB M1 N041746 4	NB 15 N161833 16 Central	NB 10 N141812 14 L.A Merced	NB 1 N171840 17 S.Fern'do Valley	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area	NB 19 N161913 16 Central Valley	NB M2 N041855 4 All-Stop	NB 18 N141912 14 L.A Merced	NB 23 N171940 17 S.Fern'do Valley	NB 67 N011935 1 Bay Area	NB 5 N041955 4 All-Stop	NB M3 N142020 14 L.A	NB 70 N012035 1 Bay Area	NB 13 N042055 4
Mile Statio	Direction → Trainset Train No. → Pattern → Service Type →	NB 4 N161803 16 Central Valley	NB 14 N171810 17 S.Fern'do Valley	NB M1 N041746 4 All-Stop	NB 15 N161833 16 Central Valley	NB 10 N141812 14 L.A Merced	NB 1 N171840 17 S.Fern'do Valley	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area	NB 19 N161913 16 Central Valley	NB M2 N041855 4 All-Stop	NB 18 N141912 14 L.A Merced	NB 23 N171940 17 S.Fern'do Valley	NB 67 N011935 1 Bay Area	NB 5 N041955 4 All-Stop	NB M3 N142020 14 L.A	NB 70 N012035 1 Bay Area	NB 13 N042055 4 All-Stop
Mile <u>Statio</u> 0.0 ANA 15.0 NSF	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep	NB 4 N161803 16 Central Valley	NB 14 N171810 17 S.Fern'do Valley	NB M1 N041746 4 All-Stop Local 17:46 17:56	NB 15 N161833 16 Central Valley	NB 10 N141812 14 L.A Merced Local 18:12	NB 1 N171840 17 S.Fern'do Valley	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley	NB M2 N041855 4 All-Stop Local 18:55 19:05	NB 18 N141912 14 L.A Merced Local 19:12	NB 23 N171940 17 S.Fern'do Valley	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05	NB M3 N142020 14 L.A Merced Local 20:20 20:30	NB 70 N012035 1 Bay Area Limited 20:35 20:45	NB 13 N042055 4 All-Stop Local 20:55 21:05
Mile Statio	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 17 S.Fern'do Valley Limited	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34	NB 1 N171840 17 S.Fern'do Valley Limited	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05	NB 18 N141912 14 L.A Merced Local 19:12 19:22	NB 23 N171940 17 S.Fern'do Valley Limited	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 17 S.Fern'do Valley Limited	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10	NB 15 N161833 16 Central Valley	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36	NB 1 N171840 17 S.Fern'do Valley Limited	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36	NB 23 N171940 17 S.Fern'do Valley Limited	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44	NB 70 N012035 1 Bay Area Limited 20:35 20:45	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 17 S.Fern'do Valley Limited	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45	NB 1 N171840 17 S.Fern'do Valley Limited 18:40 18:49	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45	NB 23 N171940 17 S.Fern'do Valley Limited 19:40	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 17 S.Fern'do Valley Limited	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36	NB 1 N171840 17 S.Fern'do Valley Limited	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36	NB 23 N171940 17 S.Fern'do Valley Limited	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 17 S.Fern'do Valley Limited	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45	NB 1 N171840 17 S.Fern'do Valley Limited 18:40 18:49	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45	NB 23 N171940 17 S.Fern'do Valley Limited 19:40	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr	NB 4 N161803 16 Central Valley Limited	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:18 18:19	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37	NB 18 18 18 18 18 18 18 18 18 18 18 19 19 14 19 12 19 12 19 19 13 19 13 19 15 19 15 19 15 19 15 19 15 19 16 19 17 18 18 18 18 18 18 18 18 18 18 18 18 18	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr	NB 4 4 N161803 16 Central Valley Limited	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 18:08 18:10 18:18 18:19 18:28	NB 15 N161833 16 Central Valley Limited	NB 10 N141812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 18:54	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:54	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr	NB 4 4 N161803 16 Central Valley Limited 18:03	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24	NB 15 N161833 16 Central Valley Limited	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:35 18:45 18:54 19:14 19:55	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited 19:13	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:35 19:45 19:45 20:14 20:55	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:42 20:53 21:02 21:21 21:27 21:58	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr	NB 4 4 N161803 16 Central Valley Limited	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19	NB 15 N161833 16 Central Valley Limited	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited	NB M2 N041855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24	NB 15 N161833 16 Central Valley Limited	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:35 18:45 18:54 19:14 19:55	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced Local	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited 19:13	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:35 19:45 19:45 20:14 20:55	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:42 20:53 21:02 21:21 21:27 21:58	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24	NB 15 N161833 16 Central Valley Limited	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited 19:13	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24	NB 15 N161833 16 Central Valley Limited	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:58	NB 2 N152034 15 S.F Merced Local	NB 57 N011835 1 Bay Area Limited 18:35 18:45	NB 19 N161913 16 Central Valley Limited 19:13	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58	NB 67 N011935 1 Bay Area Limited 19:35 19:45	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD 399.2 GLY 428.8 SJC	Direction → Trainset Train No. → Pattern → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr Dep Gilroy Arr Dep San Jose Dep	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37 20:18 20:34	NB 14 N171810 17 S.Fern'do Valley Limited 18:10 18:28 18:48 20:31 20:47	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24 20:03	NB 15 N161833 16 Central Valley Limited 18:33 19:28 20:07	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:49 18:58 19:18	NB 2 N152034 15 S.F Merced Local 20:34 21:09 21:25	NB 57 N011835 1 Bay Area Limited 18:35 18:45 18:56 19:00	NB 19 N161913 16 Central Valley Limited 19:13 20:08 20:47	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29 21:08	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:58 20:18	NB 67 N011935 1 Bay Area Limited 19:35 19:45 19:56 20:00	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56 21:00 23:04 23:20	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08 ↓ 23:50 0:05
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD 399.2 GLY 428.8 SJC 450.5 RWC	Direction → Trainset Train No. → Pattern → Service Type → Service Type → Dep Anaheim Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr Dep Gilroy Arr San Jose Dep S Redwood City Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37 \$\infty\$ 20:18 20:34 20:48	NB 14 14 11 17 17 17 18:10 18:10 18:10 18:28 18:48 120:31 20:47 21:00	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24 20:03	NB 15 N161833 16 Central Valley Limited 18:33 19:28 20:07	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 S.Fern'do Valley Limited 18:40 18:49 18:58 19:18	NB 2 N152034 15 S.F Merced Local 20:34 21:09 21:25 21:40	NB 57 N011835 1 Bay Area Limited 18:35 18:45 18:56 19:00 21:04 21:20 21:34	NB 19 N161913 16 Central Valley Limited 19:13 20:08 20:47 4 21:28 21:44 21:58	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29 21:08 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:49 19:58 20:18 \$\frac{\\$\\$\\$}{21:59} 22:15 22:28	NB 67 N011935 1 Bay Area Limited 19:35 19:45 19:56 20:00	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08 ↓ 22:50 23:05 23:19	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56 21:00 23:04 23:20 23:34	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08 ↓ 23:50 0:05 0:19
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD 399.2 GLY 428.8 SJC 450.5 RWC 462.2 SFO	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr Dep Gilroy Arr Dep San Jose Dep S Redwood City Arr Millbrae Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37 20:18 20:34 20:48	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19 18:28 18:48 20:31 20:47 21:00	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 19:24 20:03 ↓ 20:44 21:00 21:14 21:24	NB 15 N161833 16 Central Valley Limited 18:33 19:28 20:07 10:28 21:04 21:18	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:49 18:58 19:18 20:59 21:15 21:28	NB 2 N152034 15 S.F Merced Local 20:34 21:09 21:25 21:40 21:50	NB 57 N011835 1 Bay Area Limited 18:35 18:45 18:56 19:00 21:04 21:20 21:34	NB 19 N161913 16 Central Valley Limited 19:13 20:08 20:47	NB M2 Nd1855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29 21:50 22:05 22:19 22:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58 20:18 21:59 22:15 22:28	NB 67 N011935 1 Bay Area Limited 19:35 19:45 19:56 20:00 22:04 22:20 22:34	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08 ↓ 22:50 23:05 23:19 23:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56 21:00 23:04 23:20 23:34	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD 399.2 GLY 428.8 SJC 450.5 RWC 462.2 SFO	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Gilroy Arr Dep San Jose Dep C Redwood City Arr Millbrae Arr S.FTransbay Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37	NB 14 14 11 17 17 17 18:10 18:10 18:10 18:28 18:48 120:31 20:47 21:00	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 18:28 19:19 19:24 20:03	NB 15 N161833 16 Central Valley Limited 18:33 19:28 20:07	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 S.Fern'do Valley Limited 18:40 18:49 18:58 19:18	NB 2 N152034 15 S.F Merced Local 20:34 21:09 21:25 21:40	NB 57 N011835 1 Bay Area Limited 18:35 18:45 18:56 19:00 21:04 21:20 21:34	NB 19 N161913 16 Central Valley Limited 19:13 20:08 20:47 4 21:28 21:44 21:58	NB M2 No41855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29 21:08 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:49 19:58 20:18 \$\frac{\\$\\$\\$}{21:59} 22:15 22:28	NB 67 N011935 1 Bay Area Limited 19:35 19:45 19:56 20:00	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08 ↓ 22:50 23:05 23:19	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56 21:00 23:04 23:20 23:34	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08 ↓ 23:50 0:05 0:19
Mile Static 0.0 ANA 15.0 NSF 30.3 LAU 40.6 BUR 51.1 SYL 89.4 PMD 174.1 BFD 285.4 FNO 354.4 MCD 399.2 GLY 428.8 SJC 450.5 RWC 462.2 SFO	Direction → Trainset Train No. → Pattern → Service Type → Service Type → On Anaheim Dep Norwalk Dep L.A. Union Sta. Arr Dep Burbank Dep Sylmar Dep Palmdale Arr Dep Bakersfield Arr Dep Fresno Arr Dep Merced Arr Dep Gilroy Arr Dep San Jose Dep S Redwood City Arr Millbrae Arr	NB 4 4 N161803 16 Central Valley Limited 18:03 18:58 19:37 20:18 20:34 20:48 21:12 21:42	NB 14 N171810 177 S.Fern'do Valley Limited 18:10 18:19 18:28 18:48 20:31 20:47 21:00	NB M1 N041746 4 All-Stop Local 17:46 17:56 18:08 18:10 18:18 18:19 19:24 20:03 ↓ 20:44 21:00 21:14 21:24	NB 15 N161833 16 Central Valley Limited 18:33 19:28 20:07 10:28 21:04 21:18	NB 10 NH 1812 14 L.A Merced Local 18:12 18:22 18:34 18:36 18:45 19:14 19:47 19:55 20:34	NB 1 17 17 S.Fern'do Valley Limited 18:40 18:49 18:58 19:18 20:59 21:15 21:28	NB 2 N152034 15 S.F Merced Local 20:34 21:09 21:25 21:40 21:50	NB 57 N011835 1 Bay Area Limited 18:35 18:45 18:56 19:00 21:04 21:20 21:34	NB 19 N161913 16 Central Valley Limited 19:13 20:08 20:47	NB M2 Nd1855 4 All-Stop Local 18:55 19:05 19:17 19:19 19:29 19:37 19:58 20:29 21:50 22:05 22:19 22:29	NB 18 N141912 14 L.A Merced Local 19:12 19:22 19:34 19:36 19:45 19:55 21:34	NB 23 N171940 17 S.Fern'do Valley Limited 19:40 19:49 19:58 20:18 21:59 22:15 22:28	NB 67 N011935 1 Bay Area Limited 19:35 19:45 19:56 20:00 22:04 22:20 22:34	NB 5 N041955 4 All-Stop Local 19:55 20:05 20:17 20:19 20:29 20:37 20:58 21:29 22:08 ↓ 22:50 23:05 23:19 23:29	NB M3 N142020 14 L.A Merced Local 20:20 20:30 20:42 20:44 20:53 21:02 21:21 21:27 21:58 22:37	NB 70 N012035 1 Bay Area Limited 20:35 20:45 20:56 21:00 23:04 23:20 23:34	NB 13 N042055 4 All-Stop Local 20:55 21:05 21:17 21:19 21:29 21:37 21:58 22:29 23:08

B2. Stringline Diagrams

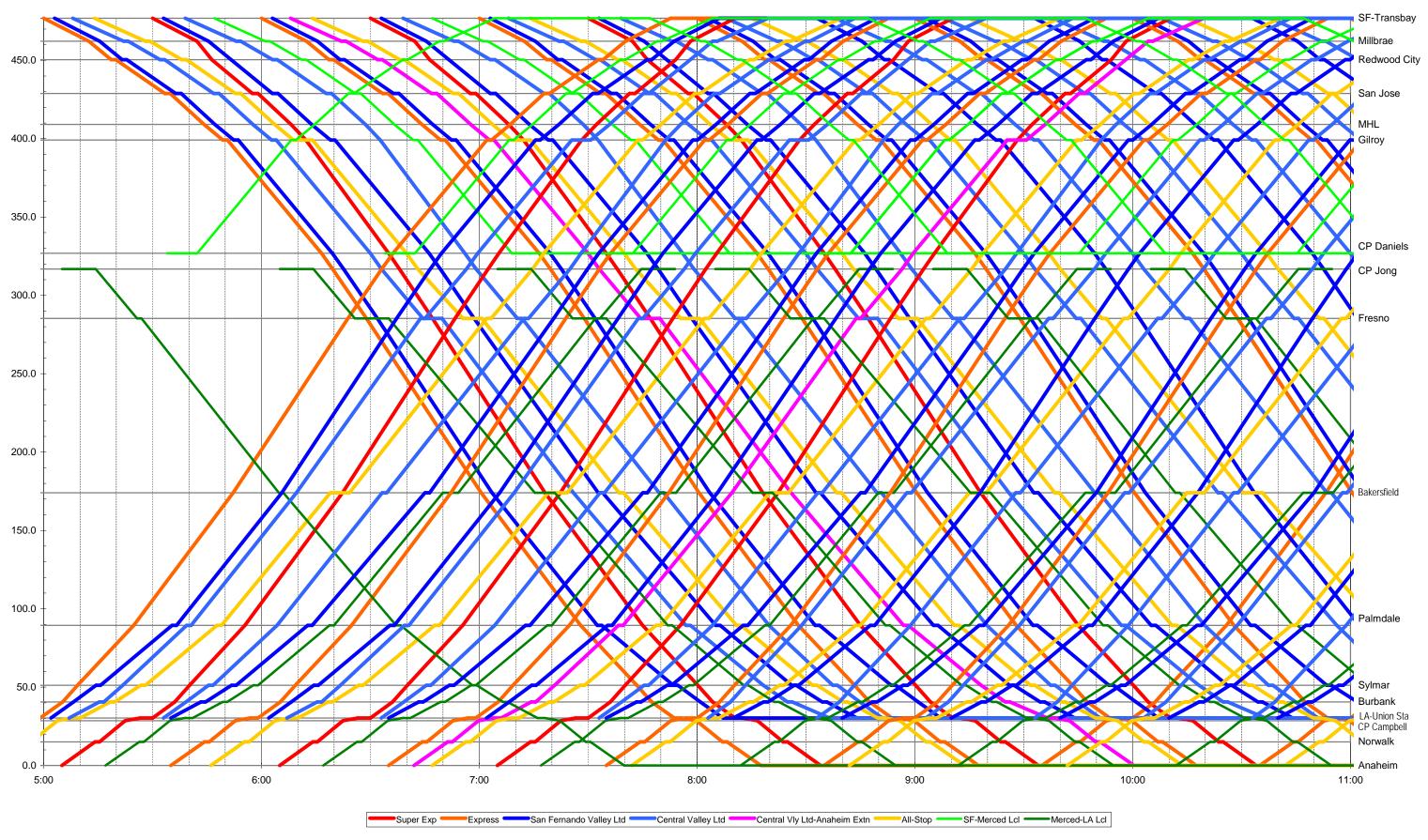
- Morning Peak Period
- Mid-Day Period
- Afternoon Peak Period
- Evening and Late Night Period





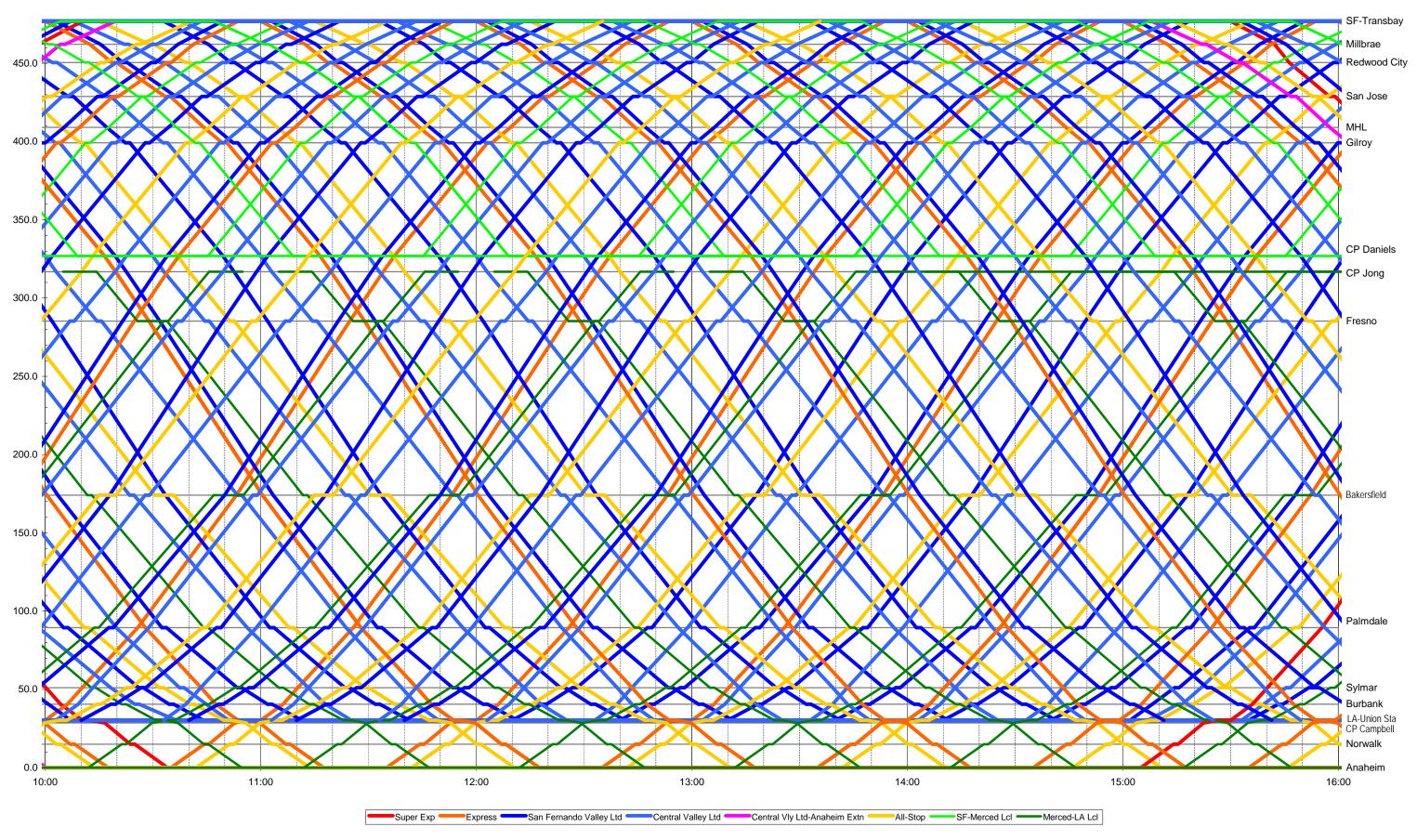
STRINGLINE DIAGRAM

Appendix B2 - HSR PHASE 1 SERVICE PLAN - VARIATION (Version 10B) - MORNING PEAK



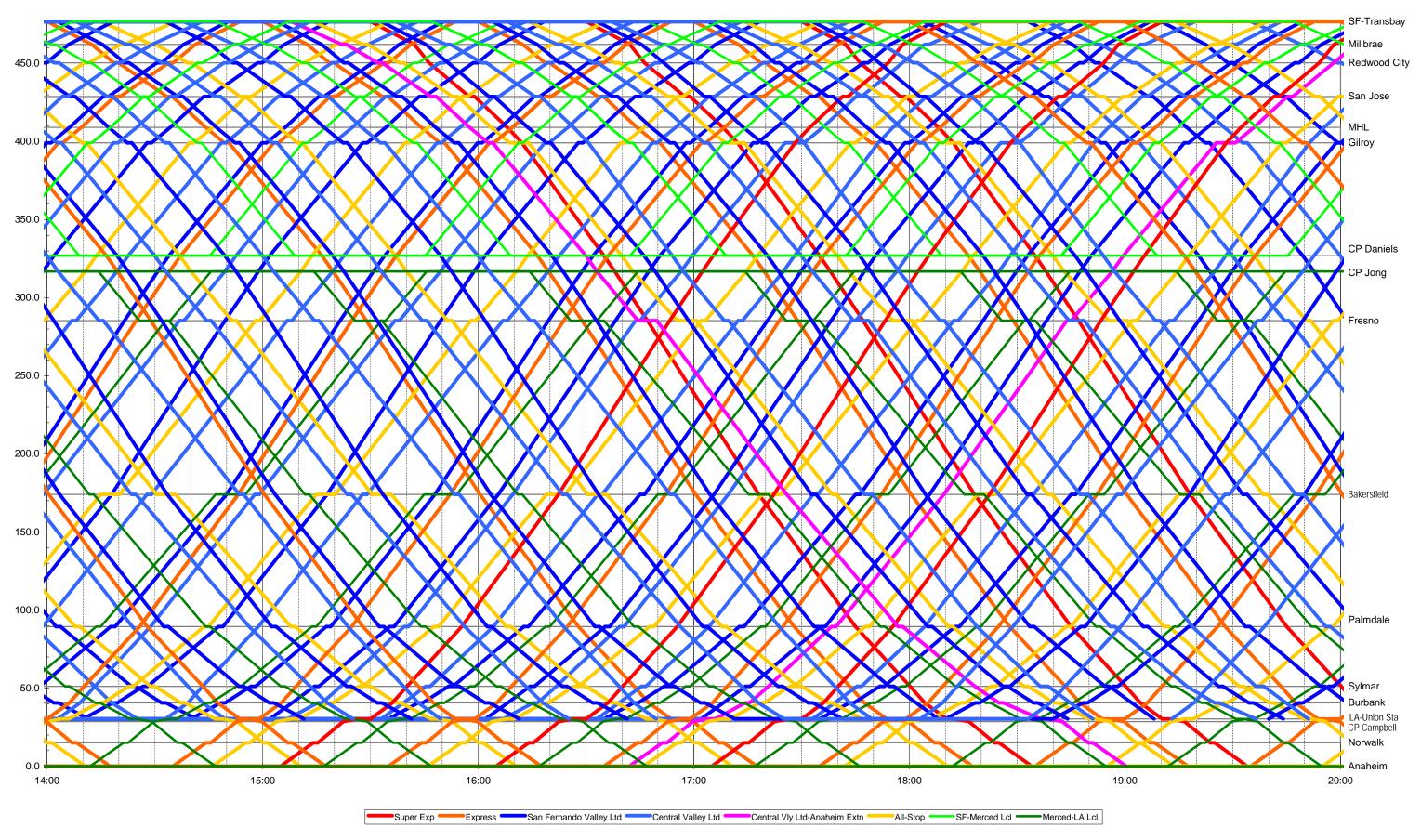
STRINGLINE DIAGRAM
CALIFORNIA HIGH-SPEED RAIL

Appendix B2 - HSR PHASE 1 SERVICE PLAN - VARIATION (Version 10B) - MID-DAY



STRINGLINE DIAGRAM
CALIFORNIA HIGH-SPEED RAIL

Appendix B2 - HSR PHASE 1 SERVICE PLAN - VARIATION (Version 10B) - AFTERNOON PEAK



STRINGLINE DIAGRAM
CALIFORNIA HIGH-SPEED RAIL

Appendix B2 - HSR PHASE 1 SERVICE PLAN - VARIATION (Version 10B) - LATE EVENING

